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BULLETIN OF

# Cooper College

Sterling, Kansas

March 1918



APR 9 1920

## Catalogue

1917-1918

INCLUDING ANNOUNCEMENTS FOR 1918-1919



# Cooper Quarterly

VOLUME 22

NUMBER 84

## Thirty-first Annual CATALOGUE

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General Information  
Outline of Courses for 1918-1919  
Register of Students for 1917-1918

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STERLING, KANSAS  
May, 1918

Published Quarterly by Cooper College and entered at Sterling, Kansas,  
as Second Class Mail Matter, under Act of Congress of July 16, 1894.

## CALENDAR—1918-1919



## COMMENCEMENT WEEK, 1918

May 5—3:00 p. m.....	Farewell Meeting of Christian Associations
May 5—8:15 p. m.....	Baccalaureate Sermon

President Campbell, D. D.

May 6—10:00 a. m.....	Farewell Chapel Service
May 6—3:00 p. m.....	Class Day Exercises
May 6—8:15 p. m.....	Departmental Recital
May 7—8:15 p. m.....	Inter-Society Program
May 8—9:00 a. m.....	Meeting of College Board
May 8—8:15 p. m.....	Graduation Exercises
May 9—7:30 p. m.....	Alumni Banquet and Re-union



## 1918-1919

September 9—Monday.....	Registration Day
September 10—Tuesday.....	Registration Day
September 11—Wednesday.....	Opening Address
November 13—Wednesday.....	First Term Ends
November 14—Thursday.....	Second Term Begins
December 21—Saturday.....	Holiday Vacation Begins
January 7—Tuesday, 1919, noon.....	School Re-opens
January 28—Tuesday.....	Registration for Second Semester
January 29—Wednesday.....	Second Semester Begins
February 9—Sabbath.....	Day of Prayer for Colleges
April 1—Tuesday.....	First Term Ends
April 2—Wednesday.....	Second Term Begins
June 1 to June 4.....	Commencement Exercises
June 4—Wednesday.....	Commencement Day

BOARD OF TRUSTEES



By reason of a recent change in the College charter, the governing body, formerly known as the Senate, is now known as the Board of Trustees.

For the transaction of routine and special business in the interim of Board meetings there exists an Executive Committee. The personnel of these bodies is as follows:



BOARD OF TRUSTEES

Officers

President.....	W. E. Currie, M. D.
Vice President.....	R. T. Campbell, D. D.
Secretary.....	J. J. Hazlett
Treasurer Endowment Fund.....	S. A. Wilson
Treasurer Current Fund.....	Talmon Bell

Members and Tenure of Office

Term expires 1918: H. B. Kilbourn, Sterling, Kansas; W. E. Currie, Sterling, Kansas; Rev. W. M. Jackson, Topeka, Kansas; O. S. Johnston, Hutchinson, Kansas.

Term expires 1919: S. R. McArthur, Newton, Kansas; J. J. Hazlett, Sterling, Kansas; W. F. Culbertson, Sterling, Kansas; Rev. Edgar H. Black, Stafford, Kansas; Rev. M. M. Milford, Saxman, Kansas.

Term expires 1920: Rev. R. W. Lindsay, Wichita, Kansas; Rev. J. C. Gibney, Valley Center, Kansas; Rev. C. H. Mitchell, Americus, Kansas; E. S. Wilkey, Sterling, Kansas; S. R. Lyons, Sterling, Kansas.

Rev. F. M. Spencer, D. D., life member with optional attendance.



EXECUTIVE COMMITTEE

W. E. Currie, Chairman	J. J. Hazlett, Secretary
W. F. Culbertson	H. B. Kilbourn
	R. T. Campbell

## FACULTY



REV. ROSS TURNER CAMPBELL, D. D. (Westminster)

President

Professor of Biblical History and Literature

REV. FRANK M. SPENCER, D. D.

President Emeritus

SAMUEL A. WILSON, A. M. (Monmouth)

Professor of Ancient Languages

TALMON BELL, A. M. (Cooper College)

Professor of Mathematics

ROBERT M. HORNER, A. M. (Monmouth)

Professor of Biology and Physics

GEORGE E. MILLER, M. S. (Wooster)

Professor of Chemistry

ALTHEA E. MONTGOMERY, A. M. (Iowa Univ.)

Professor of English Language and Literature

LAURA A. BOYD, A. M. (Missouri Univ.)

Professor of Modern Languages

\*ROY M. PETERSON, Ph. D. (Harvard)

Professor of History

O. D. MORRISON, A. M. (Chicago)

Professor of History and Education

\*ROSA E. LEE, A. M. (Chicago)

Professor of Philosophy and Education

VERNON VAN PATTER, M. C. S. (Dakota Wesleyan)

Professor of Political Economy

DR. D. W. McQUISTON

Associate to the President

MAGGIE L. McCREA, M. D.

Lecturer in Child Hygiene

\*Resigned

## FACULTY



### INSTRUCTORS IN PREPARATORY DEPARTMENT, 1917-1918

ALICE JACOBS  
English

SARAH WORK  
Latin



### SPECIAL DEPARTMENTS

CLYDE E. MATSON, Musical Director  
Instructor in Voice

EDNA M. RAIT  
Piano, Harmony, Theory

JOHN HENRY HINSHAW  
Violin and Orchestra

HELEN LOUISE McCLANAHAN  
Director of Expression

ALICE M. BROWN  
Instructor in Art

DR. G. W. WEEDE  
Director of Athletics

RAE M. WYLIE  
Librarian

## FACULTY ORGANIZATIONS



Ross Turner Campbell, D. D.....	President
George E. Miller.....	Vice President
Robert M. Horner.....	Secretary
George E. Miller.....	Registrar
Rae M. Wylie.....	Librarian
Althea Montgomery.....	Dean of Women
George E. Miller.....	Dean of Men
Rae M. Wylie.....	Secretary to the President
O. W. Mitchell.....	Janitor



## COMMITTEES

### Athletic

President Campbell	Professor Miller
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### Credits and Registration

Professor Miller	Miss Montgomery	Miss McClanahan
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### Ladies' Hall

President Campbell	Miss Montgomery
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### Library

Professor Wilson	Mrs. Wylie	Professor Horner
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### Faculty Functions

Professor Morrison	Miss Rait	Miss McClanahan
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### Student Functions

President Campbell	Professor Miller	Miss Montgomery
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### Student Government Association

Professor Wilson	Professor van Patter
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### Statistics

President Campbell	Professor Wilson	Professor Bell
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### Employment

Professor Wilson
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### Press Correspondence

Professor Wilson	Miss Boyd
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mission field. This Band holds regular meetings for prayer and study of the various phases of the work in foreign fields.

### Inter-Collegiate Debate

The value of inter-collegiate debate can hardly be overestimated, either from the standpoint of the college or the student.

The teams are chosen by primaries and by election, thus giving an opportunity for all who wish to enter.

The work is under the charge of a student committee and is supervised by members of the faculty.



## COLLEGE STANDARDS



### Present Resources

The physical equipment of the institution is valued at \$75,000. The endowments have been materially increased during the past year. On July 1, 1914, the College, having satisfactorily met the requirements for the Carnegie Fund, Andrew Carnegie sent his check for \$20,000. This was the occasion for much rejoicing by those, who for years, have fostered the hope, that this gift might be realized. The total endowment is now \$180,000, \$100,000 of which is invested in real estate first mortgage loans.

### Fully Accredited

Full credit is given by the University of Kansas for work done at Cooper. Cooper has for several years been on the list of accredited institutions published by the State Board of Education.



## GENERAL INFORMATION



### Historical

Cooper College was founded in 1887. Since that time more than two thousand students have enrolled in the various departments. The attendance has made gradual but substantial increase. In 1890 there were eight students of college rank. In 1910 there were fifty; in 1914, one hundred six; in 1915, one hundred twenty-three. Formerly Cooper's Academy exceeded the College in enrollment, but the rapid extension of the Kansas public school system, providing practically every community with a free High School, has caused the Academy department to become a less important factor. Preparatory work is offered in response to individual demands, but Cooper now concentrates her energies more directly about the regular collegiate departments.

### Aim

Cooper College abides true to the aim of her founders.

The aim in founding the institution was to provide a thorough Christian education. True to this ideal, the college has emphasized two things: sturdy intellectual attainments and stalwart character. To acquire these has been and is the great desideratum placed before teacher and student. As an indispensable aid Biblical study is accorded an important place in the curriculum. It is the deliberate intent of the instructors to inspire faith in Scripture on the part of every student, and to point the way to active Christian service in a fitting field.

No institution can be loyal to such an ideal as that without getting a clearer vision of her sphere and of the eternal worthiness of her mission.

### Location

Cooper College is located at Sterling, Rice County, Kansas. Sterling is within a few miles of the geographical center of Kansas, and on two main railroad systems—Atchison, Topeka & Santa Fe and Missouri Pacific.

Sterling has a population of 2300. It is pre-eminently a church going town, with Baptist, Congregational, Friends, Methodist, Presbyterian, Reformed Presbyterian and United Presbyterian organizations. The population is of such a class as naturally gravitate towards an educational center. Intelligence, industry, sobriety—summarize the mental and moral thrift of the community.

## EQUIPMENT



### Grounds and Building

The buildings now consist of the Main College Building, the Gymnasium, the Ladies' Dormitory, and the President's Manse.

### Main College Building

In addition to class rooms, society halls and president's office, this building contains the chapel with accommodations for about 300 persons.

### Gymnasium

This buiding is equipped for general indoor athletics—basket ball, volley ball, base ball, roller skating, and, in part, for physical training. Last year there was an addition built to the gymnasium. Athletic classes are organized which give opportunity for physical exercise and development.

### Ladies' Hall

This hall will accommodate twenty-five students. The rooms are large and furnished with two single beds, table, dresser, chairs, rockers, rugs and window shades. Students furnish their own bedding, window curtains, and towels. The dining room will accommodate about forty. Each girl furnishes her own napkin and napkin ring.

### Campus

The old athlectic field known as the McCracken field was situated immediately north of the college. Recently, however, a new field has been plotted on the Adams addition.

### Art Studio

The Art Studio is on Seventh Street. It is a building devoted solely to art, and is equipped after the fashion of modern studios.



## LABORATORIES AND INSTRUMENTS

### Biological Laboratory

The Biological Laboratory is well supplied for both preparatory

and advanced work. For work in Botany, Zoology and Physiology, there are good compound microscopes, dissecting microscopes, hand lenses, camera lucida, dissecting tools, hand and sliding microtomes, apparatus for anaesthesia and injection, aquaria, many poisons and other chemicals and reagents.

Two new Leitz microscopes were imported within the past two years.

There is a very complete set of the Cambridge type of apparatus for plant Physiology; also of the Harvard type of apparatus for Human Physiology. A good supply of prepared microscopic mounts are on hand to illustrate all branches of the work; also bones and mounted vertebrate skeletons and limbs.

There is in the laboratory a well-kept herbarium containing beautifully prepared and mounted specimens illustrating all the principal groups of plant life.

During the present year, ample equipment for work in elementary Bacteriology has been installed.

#### Chemical Laboratories

The Chemical Laboratories occupy the half of the first floor of the main building. Recently very extensive improvements have been made, which make the Laboratories among the most complete in the state. A very complete and up to date gas system has been installed which furnishes a constant pressure for all purposes. This is operated by electricity and compressed air.

More than forty students may work advantageously at one time. Each desk is equipped with running water, gas and a complete set of apparatus and reagents for doing individual work. In addition there are jets of compressed air for operating the blast lamps, hot funnels, suction filters, steam bath, electric hot plates, analytical balances, etc.

During the past year a mechanical stirrer and a shaking machine have been installed, which greatly facilitate the work in Organic Synthesis.

An exceptionally complete reserve stock of Chemical apparatus and reagents, both Organic and Inorganic, are always kept on hand, offering facilities for thorough courses—both qualitative and quantitative, water analysis and organic Synthesis. The shortage of Organic Chemicals due to the foreign war which is so seriously hampering many of the Chemical courses in other schools, has not affected the courses in Chemistry, because of the unusually large import order just before the war.

Especially thorough courses in Organic Chemistry and also in Organic research work are offered.

There is also a private laboratory for the more advanced work. The equipment in this room is exceptionally complete.

The recitation room is large and well equipped for class demonstrations and lecture experiments.



### Physical Laboratory

The Physical Laboratory work is carried on in a large, well lighted room furnished with good tables. Apparatus and other facilities are at hand for working fifty good representative experiments in preparatory Physics and for a year's work in College Physics.

About three hundred dollars worth of equipment for College Physics was added during the past three years.

The apparatus room contains much additional apparatus and material useful for demonstrations, construction, and repairs.

### Museum

The Museum contains a considerable amount of material illustrative of the natural sciences. Specimens of minerals and rocks from many localities are included in the geographical collection; each geologic age being represented. Kansas and Colorado are well represented. All sections of our state furnish specimens of rocks and fossils. Through the gift of Rev. John P. White, of Albia, Iowa, a former missionary to Egypt, the College possesses a very valuable geological collection from Egypt and the Holy-land. A collection illustrative of Egyptian life is accessible through the kindness of Mr. A. G. Smith.

The past year Mrs. A. B. Ashenhurst contributed a valuable collection of curios gathered from all parts of the world.

Dr. and Mrs. H. T. McLaughlin, recently missionaries to the Sudan, presented to Cooper valuable curios from that field, estimated to be worth from five to six hundred dollars.

The Zoology specimens include collections illustrative of marine invertebrate life, birds' eggs, and bird and mammalian life of Kansas.

The flora of Rice county is illustrated by botanical specimens. Mounted specimens from other localities are also in the collection. It is the aim to make the Museum not merely a collection of curiosities, but an important factor in advancing the scientific work of the students.

### Library

The Library contains approximately 5,500 volumes, exclusive of governmental publications, accessible to the students and the general public. A portion of the tuition received is expended each year for Library improvement and the purchase of books. During the past year, as in preceding years, purchases have been made of books under the departments of instruction as recommended by the heads of these departments. The accessions of the present year, about 125 volumes, have included some of the latest and best material along the various lines of purchase.

Through the kindness of the late Hon. E. H. Madison, while a member of congress from this congressional district, Cooper College has for a number of years been designated as a depository for the publications of the United States Government.

During the past year the Library has been open daily from 8 a. m. to 5 p. m. Faculty and students have free use of the Library, and it is also opened freely to the public for consultation. Mrs. Rae M. Wylie is employed as librarian.

Through the courtesy of publishers and friends or by subscription the library and the reading tables have been supplied with periodicals. Among those received during the past year have been Current Literature, Literary Digest, Atlantic Monthly, World's Work, Everybody's, Technical World, Missionary Review of the World, Woman's Home Companion, Etude, United Presbyterian, Christian Instructor (five copies), Presbyterian, Evangelist and Christian Work, Men's Record, Christian Union Herald, Hutchinson News, American Economist, Menace, Advocate of Peace, Our Dumb Animals, Vindicator, Normal Instructor, Prayer and Work for Israel.

High School and College publications have also been placed in the reading room by the editors of the Cooper Courier.

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## ADMISSION TO COLLEGE



All communications in regard to the admission of students to any department of the college should be addressed to President Campbell, Sterling, Kansas.

### Entrance to Freshman Class

Applicants for admission to the Freshman class should present a certificate from an accredited High School, signed by the principal or superintendent, certifying the requisite amount of work has been completed.

### Schools Accredited

All High Schools on the accredited list of the state universities of their respective states will be given the same recognition at Cooper, provided the student proves himself capable to carry the regular college work. Otherwise, so much of the preparatory work shall be required, as the faculty shall deem necessary to enable the student to carry on his work effectively.

### Entrance by Examination

Students entering from non-accredited schools, or as undergraduates from preparatory schools, may be required to take examinations in any or all subjects for which they ask entrance credit. These examinations (without extra fee) will be held regularly upon registration days. Application made in advance.

### Conditional Entrance

Fifteen units are necessary for unconditional admission to the Freshman class. A temporary deficiency of not more than two units, however, will be permitted. This deficiency must, if at all possible, be made up during the first year in college.

### Entrance Unit Defined

In defining preparatory credits, the term "unit" is employed. A unit is the equivalent of one High School study satisfactorily pursued during one school year of at least thirty-six weeks, on the basis of five recitations a week, the course of study for which the



student is registered requiring not more than four studies, or twenty recitation periods a week. The length of the recitation period must be at least forty minutes and laboratory period twice this length. A unit is the equivalent of two High School semester credits.

### **Advanced Entrance Credits**

College credit will not be given for work done in college subjects in preparatory schools or High Schools, except by college examination. Requests for examination for advanced entrance credits should be made in writing to the head of the department concerned. These examinations are held regularly on registration day. A special examination fee of one dollar will be charged for each subject taken. The number of hours credit allowed to be determined by the department.

### **Subjects for Admission**

The total requirement for admission shall be fifteen units, ten and one-half of which shall be chosen from groups I to V, as indicated below. The remaining four and one-half units may be chosen at will from the subjects outlined in the six groups, subject to the maximum limitations stated in connection with each group.

#### **Group I, English**

Minimum three units, maximum four units.

#### **Group II, Foreign Language**

Minimum three units, maximum six units.

The three units required may be two units of one, and one of another foreign language. Any of the following languages may be chosen: Latin, one to four units; German, one to four units; French, one to four units; Greek, one to four units; Spanish, one to two units.

#### **Group III, History**

Minimum one unit, maximum four units.

Ancient History, one unit; Medieval and Modern History, one unit.

English History, one unit; American History, one unit.

Civics, one-half unit; Economics, one or one-half unit.

The order in which the history shall be taught is that outlined in the Manual of the State Board of Education.

#### **Group IV, Mathematics**

Minimum two and one-half units; maximum four units.

Elementary Algebra, one and one-half units.

Plane Geometry, one unit.

Solid Geometry, one-half unit.

Advanced Algebra, one-half unit.

Plane Trigonometry, one-half unit.

When the minimum requirement only is presented, it shall be elementary algebra and plane geometry.

#### Group V, Science

Minimum, one unit, maximum four units.

Botany, one unit.

Chemistry, one unit.

General Biology, one unit.

Physics, one unit.

Physiology, one-half or one unit.

Zoology, one unit.

Physiography, one-half or one unit.

#### Group VI, Miscellaneous

A maximum of two units may be chosen from the subjects not starred. Starred subjects may be offered in addition to the two units.

Agriculture, one or one-half unit.

Arithmetic, one-half unit. (If taken after one year of Algebra, not otherwise).

Bookkeeping, one-half or one unit.

Commercial Geography, one-half unit.

Commercial Law, one-half unit.

Domestic Art, one unit.

Domestic Science, one unit. One unit may be offered of domestic art and domestic science combined, as outlined in the Manual of the State Board of Education.

Drawing, one unit.

Forging, one unit.

\*Methods and Management, one-half unit.

Music, one unit.

\*Psychology, one-half unit.

Stenography, one unit.

Woodworking, one unit.

#### Advanced Entrance

Students entering Cooper from other colleges and desiring advanced standing, must present a certificate of work done, together with a letter of honorable dismissal. The number of hours credit to be granted is to be determined by the Faculty Committee on Registration and Advanced Credits, which investigates the individ-

ual merits of each case.

Students not presenting satisfactory credentials, must pass examinations in the subjects in which they desire credit. Fee of one dollar for each examination.



### AMOUNT OF WORK

No student in the college may without official approval and consent of Registrar enroll for less than 12 hours or more than 16 hours work. Fifteen or sixteen hours work is counted as regular work, from two to three additional hours may be taken on approval of Registrar, and the payment of the excess tuition, two dollars per semester, for each additional hour.

Credit in any course may be reduced on account of tardy enrollment.

Serious loss results from tardiness in entrance. Unbroken attendance throughout an entire semester is requisite to the most satisfactory results.



### REPRESENTATIVE STUDENTS

No student who is not carrying in creditable manner, at least 12 hours of strictly College work, or its equivalent, will be permitted to represent the College in any scholastic or athletic contest, with other schools.



### CLASS STANDINGS

The standing of students is determined by totaling the number of hours of work to their credit. For unconditional standing as a Junior one should have 62 hours work completed at the opening of the year. Arrearages in required subjects may necessitate a lower classification than the hours completed would otherwise entitle to.



### REQUIREMENTS FOR GRADUATION

#### Work Required of All Students

All subjects and courses, (see groups, also description of courses) that are (\*) are required of all candidates for degree of A. B. Other required subjects are determined by group chosen.

## ORATION AND THESIS

### Oration

One oration of finished merit is a requisite for graduation. This oration is a requirement of the Junior year, and full Senior classification is not granted until this requirement is met. It is strongly advised that the student prepare this oration in connection with English Course V, which preparation will entitle him to special training in the delivery of oration, with the teacher of Public Speaking, without extra fee. Public rendition of the oration is required by the Faculty.

### Oration or Thesis

Any department may require a graduation thesis of Seniors majoring in that department. Honorary credit, in advance of number of hours required for graduation may be given for this work, at discretion of head of the department concerned. Students graduating without choosing a major may be required to present a second oration.

### Amount of Work

To secure the degree of Bachelor of Arts, the student must complete 122 hours. Laboratory periods are double the length of recitation periods. A total of not more than eight hours graduation credit toward the degree of A. B. will be granted for work done in music or in elocution in the allied departments. Music credit given only for work in theory. See under "Course of Study.



## TEACHERS' CERTIFICATES TO A. B. GRADUATES

In accordance with the laws of the state, (Laws of 1899, chapter 179, section 2) graduates of the A. B. course whose course includes the professional subjects, may receive from the State Board of Education a three years' certificate. This certificate upon the fulfillment of certain conditions, may be exchanged for a life certificate.

Graduation from a four-year course in a normal school, college, or university accredited by the State Board of Education will be accepted as a substitute for examination in the branches specified in Group II (section 3), provided that the applicant furnishes a complete transcript of his college record, with credit in professional branches in education to the amount of eighteen semester hours, including not less than three semester hours each in General Psychology, Educational Psychology or Educational Theory, History of Education and School Administration; and six semester hours additional in professional branches allied to those herein mentioned.

### THREE-YEAR CERTIFICATES RENEWABLE FOR THREE-YEAR PERIODS

A three-year certificate renewable for three-year periods, valid in any elementary school, in Junior High Schools, and in High Schools, offering not more than two-year courses, may be obtained by examination or on credentials showing that the applicant has completed a four-year High School course of study approved by the State Board of Education, and a two-year course in an accredited normal school, college or university.



### HOW TO ENROLL

New students presenting themselves for enrollment for the first time should first go to the office of the President, where they will receive a matriculation blank. Every space on this blank should be filled out accurately and legibly. The President's "O. K." on this card indicates that he has made the acquaintance of the new student and given any needed counsel or suggestion. The card is then taken to the Enrollment Committee, consisting of the Registrar and his associate.

After consultation a Course Card is filled out with the list of prospective studies. The outlined course must conform to the regulations concerning required subjects.

The Course Card is then presented by the student to each teacher for whose work enrollment is being made and the teacher's approval of the assignment is indicated by his signature.

The Student then goes to the Treasurer, by whom the Course Cards are collected and certified to the Registrar. When properly signed the Course Card thus becomes the evidence that the work assigned is approved and that the dues are paid. The Registrar then issues class tickets which are sent to the heads of the departments. From these class rolls are made up. The class tickets are retained by the instructor until the end of the course when they are returned to the Registrar with the record of the student's work endorsed thereon. The permanent records and semester reports are compiled from data upon the class tickets.



## GENERAL REQUIREMENTS



Each student on entering the College department decides upon the group he will follow.

### Advisor

The professor at the head of the department in which the student chooses his major will act as his advisor. The student will consult with his advisor, and in planning his work must first arrange for his major subjects.

### Major Subjects

A major subject will consist of 24 hours work in one department.

One or more minor subjects in some other department may be arranged for, to consist of twelve hours each.

A student may not change his major subject except at the beginning of the school year.

### Number of Hours Work

Fifteen hours of class work is considered a semester's work in the College of Liberal Arts, and sixteen the maximum allowed without special permission of the Registrar, and extra tuition. Students are advised to carry but sixteen hours. In exceptional cases students may be permitted to carry additional work upon payment of two dollars per each excess semester hour. Application for excess work must be made at time of registration. Permission to carry excess work must be granted before student may enroll for the work.

No student will be graduated who has not completed one-hundred and twenty-two semester hours, and who has not finished all the work required in some one group.

### Examinations

Examinations are held on the completion of a subject, and regularly at the close of each semester. Other examinations may be held at such time as the professor in charge may determine. Should students desire examination at another time than that of a regular examination, or that appointed by the professor in charge it may be obtained by the consent of the professor in charge and the payment of a fee of one dollar.

### Absences

Students are allowed as many absences during each semester as the class in which they are enrolled entitles them to semester hours credit.

Five tardy marks are reckoned equal to one absence.

Absences immediately preceding or following any regular vacation or holiday will be counted double.

For excess absences, see the Official Book of Information.

Willful absence beyond the allowed number, may subject the student to suspension, and the time lost will count as unexcused absence.

### Chapel Attendance

All college and preparatory students, unless excused, are required to attend chapel daily. All students are expected to attend public worship in some church on Sabbath.

### Withdrawal From Courses

No student will be allowed to withdraw from a class, having once enrolled, without the consent of the head of the department concerned and approval of the Registrar. Withdrawal without this permission will be recorded as a failure.

### Reports

Reports are sent to parents or guardians at the close of each semester. The Registrar should be notified in every case where the report fails to come within two weeks after the close of each semester.

### Records

A permanent record of all credits obtained by each student is kept by the Registrar. The credits are kept on the basis of a full semester, no entry being made for less. No credit is accorded except as officially reported by the professor under whom the work is done.

### Residence at Ladies' Hall

Young ladies who are absent from their homes will be required to board in the hall unless excused by the authorities of the college. Young lady students will be permitted to board or room only in approved private homes, and those so doing will be subject to substantially the same rules as those boarding in the Ladies' Hall.

Only such regulations are adopted for the Hall as are deemed necessary to surround the young ladies with good influences and as

pure a moral atmosphere as their parents' homes would afford. A woman of experience will be in charge of the Hall whose Christian sympathy will greatly aid young ladies in meeting the difficulties of college life.

### Government

The government of the college is paternal. Good behavior and earnest application to study are considered necessary on the part of all connected with the institution. Published rules are furnished and students are expected to comply with all regulations of the institution. The President is the executor of the Faculty to enforce all regulations.

### Official Book of Information

An Official Book of Information is published by the College, giving the method of Matriculation and all needed rules and regulations which govern all phases of College life and activities. Each student is provided with a copy of this book.





## TUITION AND EXPENSES

All Fees Are Payable in Advance



### FEES FOR COLLEGE AND PREPARATORY DEPARTMENT

Tuition per semester, paying on enrollment day.....	\$26.00
Tuition per term of nine weeks, in advance.....	15.00
Tuition per week for less than a term.....	2.00
Tuition per excess semester hour.....	2.00
Graduating fee—College of Liberal Arts.....	5.00
Graduating fee—School of Expression.....	5.00
Graduating fee—Conservatory of Music.....	4.00
Special examination fee.....	1.00
Chemestry fee per semester.....	5.00
Physics fee per semester.....	2.50
Botany and Zoology fee per semester.....	2.50
Physiology fee per semester.....	2.50
Bacteriology fee per semester.....	5.00

No library or athletic fees are charged. Upon the payment of tuition, tickets are issued admitting to library privileges, and to all athletic games and debates for the period covered by tuition.

### Deposits

For breakage and waste in Preparatory Science, each subject....	\$2.00
For breakage and waste in College Science, each subject.....	4.00

If damage and breakage is not equal to sums named, the excess will be returned to the student at the end of the year.



### SCHOOL OF ART

Two lessons per week, per semester.....	\$17.00
One lesson per week, per semester.....	9.00
Two lessons per week, per term.....	9.00
One lesson per week, per term.....	5.00
Single lesson.....	.60



### SCHOOL OF EXPRESSION

Private lessons:—

Two lessons per week, per semester.....	\$25.00
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Two lessons per week, per term.....	13.50
One lesson per week, per semester.....	13.50
One lesson per week, per term.....	7.00
Single lesson (discount to regular students).....	1.00
Class lessons, per semester.....	4.00
Juvenile lessons, per term.....	3.00



## SCHOOL OF MUSIC

### Piano or Stringed Instruments

Two lessons per week, per semester.....	\$25.00
Two lessons per week, per term.....	13.50
One lesson per week, per semester.....	13.50
One lesson per week, per term.....	7.00
By the lesson (discount to regular students).....	1.00
Orchestra, except for private pupils in stringed instruments....	2.00
Harmony, one semester.....	10.00
Sight reading, one semester.....	10.00
Musical History, one semester.....	6.00
Interpretation .....	5.00

### Voice

Two lessons per week, per semester.....	\$25.00
Two lessons per week, per term.....	13.50
One lesson per week, per semester.....	13.50
One lesson per week, per term.....	7.00
By the lesson (discount to regular students).....	1.00

### Tuition Regulations for All Departments

All tuition fees and deposits are due strictly in advance and students will not be enrolled in classes till payment is made.

Only in case of protracted sickness will fees be returned.

The graduating fee will be included in the semester bill and is to be paid at the beginning of second semester of the Senior year.

### Board

Table board per week.....	\$3.50 to \$4.50
Rooms, furnished, per week.....	\$1.00 to \$2.00

### Ladies' Hall

Table board, per week.....	\$4.50
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With rebate of 50c per week, if paid monthly in advance.

Rooms, per week, payable monthly in advance.....	\$ .90 to \$1.10
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### Expenses

Necessary expenses at Cooper are moderate. Personal tastes and standards have much to do determining the total cost of a year's schooling, but the essential items can be estimated with considerable accuracy.

### Self-Help

Fifty per cent of the young men and twenty-five per cent of the young women are working their way, wholly or in part. A member of the faculty acts as employment agent in securing work for students. Not infrequently he has more demand for labor than he can supply. With Saturday jobs and employment at odd times, together with vacation labor, it is no rare thing for a student to be quite self-sustaining.

### Scholarships

Through the generosity of friends of Christian education the following scholarships are available:

1. The Nesbit Scholarship—To any young man preparing for the ministry.

2. The Sorosis Scholarship—To any young woman deserving of help.

3. Travis Scholarship—To either a young man or a young woman of deserving character.

4. Wilson Scholarship—To either a young man or a young woman preparing for Christian work.

5. The McCracken Scholarship—For young people of the Indian and negro races.

6. Mary E. Campbell Scholarship—For any worthy young man or woman, preparing for church work.

7. The Hutton Scholarship—Which allows students to borrow without interest sufficient money to pay tuition; the student to give his note for this amount, payable one year after leaving college.

Application for scholarships should be made to the President.

### Kansas College Association Scholarship

Provisions:—One scholarship shall be given to each accredited high school within the state. Such scholarship to be given to the student securing the highest grade during the four year course. The work of the Junior and Senior year must have been taken in the high school from which the scholarship is granted. The Freshman and Sophomore years may have been taken in any accredited high school.

These scholarships are non-transferable and shall be given only to the student securing the highest average grade.

The scholarship shall represent tuition. Tuition credit for this scholarship shall be given the first semester of each the Freshman and Sophomore years. It shall not include incidental fees, laboratory fees, or other special fees.

How to Secure Scholarships:—Printed forms shall be sent to each accredited high school by D. L. McEachron, Washburn College, Secretary of the Kansas College Presidents' Association. Replies shall be made to this Secretary, signed by the Superintendent of schools and the Secretary of the Board. The Secretary shall then communicate with the college chosen, as indicated on the blanks.



## COURSES OF STUDY



Cooper College follows the "Group System." The student is offered a choice among nine groups. These groups include a major of twenty-four hours, and afford sufficient electives to permit a well balanced course. Upon entering the student will chose one of the following groups.

It will be noted that certain studies are required of all students in each year, regardless of the course pursued. The arrangement of the courses in each group has been made and approved by heads of the departments concerned and is intended to present the most satisfactory and advantageous arrangement for conserving the time and efforts of the student. Electives have been delayed until the Junior and Senior years when a student is in a position to choose them with judgment and in preparation for life's work.

Courses indicated with odd numbers are given in the first semester, those with even numbers in the second semester. Courses with double numbers, i. e., I-II, run throughout the entire year, and cannot be dropped after the first semester without permission. The number of class periods each week are indicated at the right. Any change of major subjects made at any time, except at beginning of school year, may occasion forfeiture of credit in any unfinished course. For explanation of Course and number indicating various subjects, see Decription of Course.



## SUBJECTS REQUIRED IN ALL GROUPS

## Freshman

## First Semester

*English I.....	3
*Mathematics V.....	3
*Bible I.....	2
*Foreign Language.....	4
*Chemistry I or Foreign Language.....	4

## Second Semester

*English II.....	2
*Mathematics VI.....	3
History II or Mathematics IV or Bible VI.....	2
*Foreign Language.....	4
*Chemistry II or For- eign Languages.....	4

## Sophomore

*English III.....	2
*History III or Economics..	3
Science (see groups).....	4
Two 3-hour subjects indi- cated by groups.....	6

*English IV.....	3
*History IV or VI.....	3
Science (see groups).....	4
Two 3-hour subjects indi- cated by groups.....	6

## Junior

*English V.....	2
*Psychology I.....	3
*Bible VII.....	2
*Public Speaking.....	3
Elective .....	6

*Philosophy II.....	2
Elective .....	9
Science (see groups).....	4

## Senior

Elem. Sociology .....	3
*Philosophy III.....	2
Elective .....	11

Elective .....	13
Bible .....	2

**BIOLOGY GROUP****Freshman****First Semester**

English I.....	3
Mathematics V.....	3
Bible I.....	2
Chemistry I.....	4
Foreign Language .....	4

**Second Semester**

English II.....	2
Mathematics VI.....	3
History II or Bible VI or Mathematics IV.....	2
Chemistry II.....	4
Foreign Language .....	4

**Sophomore**

English III.....	2
History III or Economics .....	3
Foreign Language or Chemistry III or V.....	4
Chemistry III.....	4
Biology I.....	4

English IV.....	3
History IV or VI.....	3
Foreign Language or Mathematics IV.....	3
Chemistry IV or VI.....	4
Biology II.....	4

**Junior**

Psychology I.....	3
Physics I.....	4
Biology III.....	3
Public Speaking.....	3
Bible VII.....	2

Philosophy II.....	2
Physics II.....	4
Biology .....	3
Elective .....	7

**Senior**

Philosophy III.....	2
Elem. Sociology.....	3
3 Electives of 3 hours.....	9

Bible VIII.....	2
4 Elective of 3 hours.....	12

**CHEMISTRY GROUP****Freshman**

<b>First Semester</b>		<b>Second Semester</b>	
English I.....	3	English II.....	2
Mathematics V.....	3	Mathematics VI.....	3
Bible I.....	2	Bible VI or	
Chemistry I.....	4	Mathematics IV.....	2
Foreign Language.....	4	Chemistry II.....	4
		Foreign Language.....	4

**Sophomore**

English III.....	2	English IV.....	3
History V or Economics.....	3	History VI.....	3
Foreign Language or		Foreign Language or	
Mathematics VII.....	3	Mathematics VIII.....	3
Chemistry III or V.....	4	Chemistry IV or VI.....	4
Biology I or Physics I.....	4	Biology II, Physics II or	
		Geology .....	4

**Junior**

Psychology .....	3	Philosophy II.....	2
Public Speaking.....	3	Biology II, Physics II or	
Biology I or Physics I.....	4	Geology .....	4
Chemistry V or III.....	4	Chemistry VI or IV.....	4
English V.....	2	Two Electives.....	6

**Senior**

Philosophy III.....	2	Bible Elective.....	2
Elem. Sociology.....	3	Electives .....	14
Bible VII.....	2		
Elective .....	9		



## MATHEMATICAL GROUP

### Freshman

#### First Semester

English I.....	3
Mathematics V.....	3
Bible I.....	2
Chemistry I.....	4
Foreign Language.....	4

#### Second Semester

English II.....	2
Mathematics VI.....	3
History II, Bible VI, or Mathematics IV.....	2
Foreign Language.....	4
Chemistry II.....	4

### Sophomore

English III.....	2
History III or Economics .....	3
Mathematics VII.....	3
Foreign Language or Chemistry III or V.....	4
Biology or Physics.....	4

English IV.....	3
History IV or VI.....	3
Mathematics VIII.....	3
Foreign Language or Chemistry IV or VI.....	4
Geology, Biology or Physics .....	4

### Junior

English V.....	2
Psychology .....	3
Mathematics IX.....	3
Public Speaking.....	3
Biology or Physics.....	4
Bible VII.....	2

Philosophy II.....	2
Mathematics XI.....	3
Geology, Biology or Physics .....	4
Elective .....	6

### Senior

Philosophy III.....	2
Elem. Sociology.....	3
Three Electives.....	9
Students taking the Mathe- matical Group are advised to elect Mathematics XII.	

Bible Elective.....	2
Four Electives.....	12
Students taking the Mathe- matical Group are advised to elect Mathematics XIII.	

## ENGLISH GROUP

## Freshman

## Second Semester

English I.....	3
Mathematics V.....	3
Bible I.....	2
Latin I.....	4
Chemistry I.....	4

## Second Semester

English II.....	2
Mathematics VI.....	3
History IV.....	3
Latin II.....	4
Chemistry II.....	4

## Sophomore

English III.....	2
History V.....	3
Foreign Language.....	3
English VII.....	3
Psychology .....	3
Bible .....	2

English IV.....	3
History VI.....	3
Foreign Language.....	3
English VIII.....	3
Biology II.....	4

## Junior

English V.....	2
Public Speaking.....	3
English IX.....	3
Bible VII.....	2
Elective .....	2
French I.....	4

Philosophy II.....	2
English X.....	3
Elective .....	4
English XII.....	3
French II.....	4

## Senior

Elective .....	8
Philosophy III.....	2
Elem. Sociology.....	3
English XV.....	3

Elective .....	11
Bible .....	2
English XVI.....	3

## HISTORY AND POLITICAL SCIENCE GROUP

## Freshman

## First Semester

English I.....	3
Mathematics V.....	3
Bible I.....	2
Foreign Language.....	4
Chemistry I.....	4

## Second Semester

English II.....	2
Mathematics VI.....	3
History II.....	2
Foreign Language.....	4
Chemistry II.....	4

## Sophomore

English III.....	2
History III.....	3
Foreign Language.....	3
History V.....	3
Elective .....	4

English IV.....	2
History IV.....	3
Foreign Language.....	3
Elective .....	4
History VI.....	3

## Junior

Gen. Political Science.....	3
Psychology .....	3
Public Speaking.....	3
Bible III.....	2
History of Modern Europe..	3
Elective .....	2

American Party Gov.....	3
Ethics .....	2
History of Mod. Europe.....	3
Elective .....	8

## Senior

U. S. History.....	3
Comparative Government...	2
History of Philosophy.....	3
Logic .....	2
General Sociology.....	3
Elective .....	3

U. S. History.....	3
Int. Relations.....	2
Bible .....	2
General Sociology.....	3
Elective .....	6

## LATIN-GERMAN GROUP

## Freshman

## First Semester

English I.....	3
Mathematics V.....	3
Bible I.....	2
Latin I.....	4
German I.....	4

## Second Semester

English II.....	2
Mathematics VI.....	3
History II or Bible VI..	3 or 2
Latin II.....	4
German II.....	4

## Sophomore

English III.....	2
History III or Economics...	3
Latin III.....	3
German III.....	3
Chemistry I.....	4

English IV.....	3
History IV or VI.....	3
Latin IV.....	3
German IV.....	3
Chemistry II or Geology....	4

## Junior

English V.....	2
Psychology .....	3
Public Speaking.....	3
Latin IV, German IV, French I or Greek I.....	3
Biology I or Physics I.....	4
Bible VII.....	2

Philosophy II.....	2
Latin VI, German V, French I or Greek I.....	3
Biology II, Physics II, Chemistry II or Geology .....	4
Elective .....	6

## Senior

Philosophy III.....	2
History of Philosophy.....	3
2 Electives of 3 hours.....	6
Elementary Sociology.....	3

Bible Elective.....	2
4 Electives of 3 hours.....	12

## LATIN-GREEK GROUP

## Freshman

## First Semester

English I.....	3
Mathematics V.....	3
Bible I.....	2
Latin I.....	4
Greek I.....	4

## Second Semester

English II.....	2
Mathematics VI.....	3
History II or English History.....	2
Latin II.....	4
Greek II.....	4

## Sophomore

English III.....	2
History III or Economics.....	3
Latin III.....	3
Greek III.....	3
Chemistry I.....	4

English IV.....	3
History IV or VI.....	3
Latin IV.....	3
Greek IV.....	3
Chemistry II or Geology.....	4

## Junior

English V.....	2
Psychology.....	3
Public Speaking.....	3
Greek V.....	3
Biology I or Physics I.....	4

Philosophy II.....	2
Greek VI.....	3
Biology II or Physics II.....	4
Two electives.....	6

## Senior

Bible VII.....	2
Philosophy III.....	2
History of Philosophy.....	3
2 Electives of 3 hours.....	6
Elementary Sociology.....	3

Bible Elective.....	2
4 Electives of 3 hours.....	12

## MENTAL AND MORAL SCIENCE GROUP

### Freshman

First Semester		Second Semester	
English I.....	3	English II.....	2
Mathematics V.....	3	Mathematics VI.....	3
Bible I.....	2	Bible VI or History II or	
Foreign Language.....	4	Mathematics IV.....	2
Foreign Language.....	4	Foreign Language.....	8

### Sophomore

English III.....	2	English IV.....	3
History III or Economics.....	3	History ( Eng. or West-	
Foreign Language.....	3	ern Europe) .....	3
Chemistry I.....	4	Foreign Language.....	4
Psychology .....	4	Chemistry or Geology.....	4
		Education .....	3

### Junior

Logic .....	2	Ethics .....	2
Education .....	3	Education .....	3
Labor Problems .....	3	Elective .....	11
Electives .....	8		

### Senior

History of Philosophy.....	3	Metaphysics and Episte-	
American Social Condi-		mology .....	3
tions .....	2	Evidences .....	2
Elective .....	6	Elective .....	9
Elem. Sociology.....	3		

**POLITICAL ECONOMY GROUP****Freshman****First Semester**

English I.....	3
Mathematics .....	3
Bible I.....	2
Foreign Language.....	4
Chemistry I.....	4

**Second Semester**

English II.....	2
Mathematics VI.....	3
History II.....	2
Foreign Language.....	4
Chemistry II.....	4

**Sophomore**

English III.....	2
Prin. of Economics.....	3
History V.....	3
Elective .....	2
Science (see groups).....	4
Bible .....	2

English IV.....	3
Principles of Economics.....	3
History VI.....	3
Electives .....	3
Science (see groups).....	4

**Junior**

Economic History (a).....	2
Poverty and its Relief.....	2
Bible .....	2
Psychology .....	3
Public Speaking.....	3
Elective .....	2
English V.....	2

Economic History (b).....	2
Social Psychology II.....	2
Philosophy II.....	2
Electives .....	10

**Senior**

General Sociology.....	3
Money and Banking.....	2
Rural Sociology.....	2
Philosophy III.....	2
Electives .....	7

General Sociology.....	3
Labor Problems.....	2
Criminology and Penology.....	2
Bible .....	2
Electives .....	7

## MODERN LANGUAGE GROUP

## Freshman

## First Semester

English I.....	3
Mathematics V.....	3
Bible I.....	2
German I.....	4
Chemistry I.....	4

## Second Semester

English II.....	2
Mathematics VI.....	3
Bible II.....	2
German II.....	4
Chemistry II.....	4

## Sophomore

English III.....	3
History V.....	3
German III.....	3
French I.....	4
Biology .....	4
or Psychology.....	3

English IV.....	3
History VI.....	3
German IV.....	3
French II.....	4
Biology .....	4
or Education.....	3

## Junior

English V.....	3
Education .....	3
or Psychology.....	3
German V.....	3
French III.....	3
Bible .....	2
Elective .....	3

Philosophy II.....	2
German VI.....	3
French IV.....	3
Elective .....	8

## Senior

Philosophy III.....	2
French or German.....	3
Sociology .....	3
Elective .....	8

French or German.....	3
Bible .....	2
Elective .....	10



DESCRIPTION OF COURSES



BIBLICAL HISTORY AND LITERATURE

President Campbell

The Bible work at Cooper has the standing of a regular department and receives the same recognition as any other department of the Institution. The equipment for work, in these courses outlined, is unusually complete. Through the recent donation of a Relief Map of Palestine, Cooper has every equipment for a thorough and systematic study of the Bible. The College library section, devoted to this department, contains many of the most modern books, giving the most recent discoveries of the present day.

The courses, as outlined, cover the entire field of Bible study, and their value lies in the fact that the student has an opportunity to do some research work. EIGHT hours of Bible are required for graduation. The courses as outlined are as follows:

I. \*Old Testament History and Doctrine.....2 hours:

This is the study of the Bible by periods and embraces the entire study of the Old Testament. It is calculated to give the student a comprehensive grasp of events in each period and their chronological order. Special emphasis is laid upon JEWISH HISTORY. The text book used is, "Studies in Old Testament History," illustrated by charts.

Freshman requirement.....First Semester

II. Study of Bible Lands.....2 hours

By the aid of a Relief Map of Palestine, which has recently come to the college, and by the aid of other maps and photos, the student is able to get a familiar acquaintance with the Bible geography. Special emphasis is laid upon the study of the Holy Land. While not a required subject, yet students are urged to avail themselves of the opportunity to study this much neglected course.

Open to students of all classes.....Second Semester

III. Mosaic Institutions.....2 hours

An effort will be made, under this course, to give the student a thorough knowledge of the sacrifices and ceremonies under the Old Testament Dispensation. It will embrace a study both of the Jewish Feasts and their sacrificial worship.

Open to Sophomores.....First Semester

**IV. Book Study in the Old Testament.....2 hours**

This course will embrace a study of some of the Minor Prophets such as Joel or Amos, and also one of the Major Prophets. The student will be expected to get the grasp of each book as a WHOLE.

Open to Freshmen.....Second Semester

**V. New Testament History and Doctrine.....2 hours**

This is primarily a study of the **Life of Christ**, but embraces also a study of the Apostolic Age and the Dispensations of the Holy Spirit, together with a study of "The Last Days."

Junior Requirement.....First Semester

**VI. Book Study in the New Testament.....2 hours**

This is a companion study in the New Testament, to that of Course No. IV in the Old Testament. The course rotates between a study of one of the four Gospels, The Acts of the Apostles, Romans, Hebrews, and Revelation.

Open to Juniors.....Second Semester

**VII. A Study of Comparative Religions.....2 hours**

This is a course in preparation for the Course in Evidences which follows the next semester. A comparative study is made of religions both past and present. This course is elective.

Open to Seniors.....First Semester

**VIII. Evidences of Christianity.....2 hours**

A special effort is made, in this course, to establish both the genuineness and the authenticity of the Bible; and to show that the religion of the present day is the religion of Christ and his Apostles.

Open to Seniors.....Second Semester

**IX. Biblical Literature**

A study of the prose forms and poetry of the Bible.

## BIOLOGICAL SCIENCES

Professor Horner

**\*I.a. General Biology.....4 hours**

A study of the fundamental facts and principles of biology based upon the interdependence of organisms, their life cycles, mechanism of response, adjustment to environment and the mechanism and results of inheritance. Primarily for students who do not wish to take two courses in Botany and Zoology. Two recitations, with themes and collateral reading, and two laboratory periods per week. Abbott's Elementary Principles of General Biology and Needham's General Biology, subject to change.

**I.b. Zoology.....4 hours**

An elementary course. Laboratory work, themes and collateral reading. Four laboratory periods per week. Colton's Zoology, Descriptive and Practical, subject to change.

**I.c. Botany.....4 hours**

An elementary course. Recitations, laboratory work and field excursions. Morphology, ecology, histology and genealogic relations will be introduced. Two laboratory periods and two recitations per week. Bergen & Caldwell's Practical Botany and Bergen & Davis' Laboratory and Field Manual of Botany, subject to change.

**\*II. Human Physiology.....4 hours**

A practical advanced course with emphasis laid upon the laws of hygiene. Three recitation periods and two laboratory periods per week. The student should have some chemistry and biology I.a. or I.b. Martin's Human Body, Advanced Course, 10th Edition, and Hyde's Laboratory Course, subject to change.

**III. Zoology.....3 hours**

Mammalian anatomy and osteology. Methods of injection and preservation. Three laboratory periods per week. Prerequisites, Biology I.a. or I.b. Davidson's Mammalian Anatomy with special reference to the Cat, subject to change.

**IV. Plant Physiology.....3 hours**

A practical course including the principles of agriculture. One laboratory period and two recitation periods per week. Prerequisites, Biology I.a. or I.c. Duggar's Plant Physiology and Keeble's Practical Plant Physiology, subject to change.

**V. Bacteriology.....**

A general elementary course dealing with morphological and biological characters and general technique. Lectures, recitations and laboratory work. Two, three or four hours. Conditional.

**ECONOMICS AND SOCIOLOGY**

Professor van Patter

The aim of the Department of Economics and Sociology is to furnish a thorough training in these two sciences in order that the student, on leaving college, may be equipped to take an intelligent part in helping to solve the increasingly complex economic and social problems that come before the American citizenship.

**I. Principles of Economics.....3 hours**

A general introductory course dealing with economic facts, laws and principles, together with a brief survey of economic history, and a treatment of practical problems of the day. Not open to freshmen. Text-book, discussions and papers. Both semesters.

**II.(a). Economic History: Europe.....2 hours**

Emphasis on European Industry and Commerce of the 19th century. Selected readings, discussions and term paper. First semester.

**II.(b). Economic History: United States.....2 hours**

A study of financial and tariff history, manufacturing, agriculture and transportation. Text-book, discussions, term paper. Second semester.

**III. Money and Banking.....2 hours**

A study of financial history, money and monetary systems, federal reserve system, panics and crises. Junior standing required. Text-book, discussion and readings. First semester.

**IV. Labor Problems.....2 hours**

A study of the labor conditions, labor and industrial organizations, labor legislation, and agencies and principles of industrial peace. Open to those who have had Course I. Text-book, discussions and readings. Second semester.

**V. General Sociology.....3 hours**

The nature and scope of sociology; a study of social origins,

forms and functions, and social progress. Text-book, discussions, lectures. Both semesters. Open to Juniors and Seniors, others by permission.

**VI. Poverty and Its Relief.....2 hours**

An intensive study of poverty, its extent, causes and treatment. Readings, discussions, lectures. Open to those who have had Course I; others by permission. First semester.

**VII. Social Psychology.....2 hours**

A study of the social mind, its reaction upon the individual mind. The action of mob-mind, fashion, craze, custom, etc. Text-book, discussions. Junior standing required. Second semester.

**VIII. Rural Sociology.....2 hours**

A study of rural social problems, with special attention to possible methods of betterment of rural social life. Text-book, readings, discussions. First semester. (Not given in 1918-1919).

**IX. Criminology and Penology.....2 hours**

A study of the extent and causes of crime; theory of punishment, methods of prevention and treatment. Readings, discussions and lectures. Junior standing required. Second semester. (Not given in 1918-1919).



## EDUCATION

Professor Morrison

The work in this department is arranged to comply with the latest rules of the State Board of Education concerning subjects and hours. Twelve hours in Education are required of all candidates for state certificate. All courses in education are general electives in the Arts Course. Courses are closed to Freshmen and open to Sophomores only by special permission of instructor.

Fifteen hours of Education are required of all candidates for state certificates. The courses below are arranged in accordance with the latest requirements of the State Board of Education.

**I. Principles of Education.....3 hours**

A study of the aim of education, educational values, the content of the curriculum and the problems that attend the administration of it. Some original investigation is required of the class. Text: Ruediger, "Principles of Education." Prerequisite, Psychology and two years of college work. First semester.



**II. School Management and Administration.....3 hours**

A study and discussion of the problems of class room management, of school supervision, and of the school system. The educational systems of several states are studied and compared. The school law of Kansas is also taken up. No text used. Prerequisite, Psychology and three years of college work. Second semester.

**III. History of Education.....3 hours**

A brief survey of ancient and medieval education, with a careful study of education in modern times, and a discussion of present-day tendencies. Text: Graves, "Student History of Education." Prerequisite, one year of college work. First semester.

**IV. General Method.....3 hours**

A study of the fundamental principles of method, based on psychology and child study. Different types of lessons are studied and an example of each is presented by each member of the class. Prerequisite, Psychology and one year of college work. Second semester.

**V. High School Problems.....3 hours**

A practical study and discussion of the peculiar problems of the high school administration, the curriculum, and the method of teaching. Original investigation and observation are required. Prerequisite, Psychology and nine hours of education. First semester.

**VI. Educational Psychology.....3 hours**

A careful study of the fundamental parts of psychology and their bearing upon educational problems. Special emphasis is laid upon the measuring of results in education. Prerequisite, Psychology. Second semester.

**VII. Child Hygiene.....**

A course intended primarily for teachers. This course includes instruction for the physical inspection of school children and the remedying of such defects as they are able to uncover. This course is offered at the request of the Kansas State Board of Health. In all probability this course will soon be a requirement for the teacher's certificate. Dr. Maggie L. McCrea will have charge of the course. First semester.

**ENGLISH LANGUAGE AND LITERATURE**

Miss Montgomery

"The department of English includes English Language, Eng-

lish Literature, and Rhetoric. The aim of the department is to give such instruction as will furnish the elements of a liberal culture; prepare candidates for the teaching of English; and to start those who desire it on the road to graduate study.

**\*I, \*II. Freshman English.....3 hours, 2 hours**

An intensive study of English Grammar, followed by constructive and analytical work in composition. Second semester, practical studies in English composition and English interpretation based on current literature.

**\*III, IV. Beginning of English Literature.....2 hours, 3 hours**

Studies in the history and development of English Literature from the beginning to the time of Chaucer. Twelve centuries of English Prose and Poetry used as text-book.

**\*V. Forms of Public Address.....2 hours**

A study of the forms of public address. The English oration is studied as a type of formal speeches. An analytic and systematic study of the oration.

**VI. English Prose.....3 hours**

A laboratory study of English prose writers based on Clark's "Study of Prose Writers."

**VII, VIII. Shakespeare.....3 hours**

A study of six plays of Shakespeare, histories, comedies tragedies—the sonnets. Not open to Freshmen. Both semesters.

**IX, X. Victorian Poets.....3 hours**

Open to Juniors and Seniors. First and second semesters.

**XI. English Novel.....2 hours**

The study of representative novels and novelists, chiefly of the Nineteenth century, but beginning with the Elizabethan period. Open to Juniors and Seniors. First semester.

**XII. Teaching of English.....2 hours**

A course is designed for those who expect to teach High School English. Methods for class presentation, survey of classics in college entrance requirements. Practical work. Open to Seniors and Juniors. Second semester, alternate years. Required of English majors. Not given in 1918-1919.

**XIII, XIV. American Literature.....2 hours**

A brief survey of the history of American literature. Some study is made of the chief writers of both prose and poetry, and selections are read from the poets. First semester.

A detailed study of America's greatest prose writers, including essayists, novelists, and short-story writers. Second semester.

**XV. History of English Language.....3 hours****XVI. Old English Language.....3 hours****FRENCH**

Miss Boyd

**I, II. ....4 hours**

The object of the first year's work in French is to give the student a knowledge of the essentials of grammar, fluency in pronunciation and practice in speaking and writing. French is spoken in class as far as practical. Reading of easy stories and plays, conversation, dictation and composition based upon the reading matter. Both semesters.

**III, IV. French Prose.....3 hours**

The object of this course is to impart the faculty of reading and to study the masterpieces of classic and modern writers. Both semesters.

**V, VI. French Drama.....3 hours**

Origin and development of the French drama. Careful study of the masterpieces of Moliere, Corneille, and Racine. Both semesters.

**GERMAN LANGUAGE AND LITERATURE**

Miss Boyd

The aim of the department in the work of the first year is to give the student a thorough knowledge of the fundamental principles of the German language, to acquire an extended vocabulary and a proper pronunciation, and to get the student interested in the German life, literature and institutions. Emphasis is placed on the spoken word.

During the second year the works of noted authors of the Nineteenth Century and of the classic period are read. Work in



composition, oral and written, is continued. An effort is made to gain the greatest possible facility in reading, understanding and the use of German.

The purpose of the advanced courses offered is to give the student a general view of German literature. Selections and extracts from a large number of authors are read in the class-room and several masterpieces are read by each student outside of the class-room.

Courses I, II, III and IV should be taken during the Freshman and Sophomore years.

**I, II. Elementary Course.....4 hours**

Essentials of grammar and easy reading. Direct method used. Beginning class each semester.

**III, IV. Intermediate Course.....3 hours**

Composition and grammar review. Reading of more difficult German texts, selected from among the following: Schiller's "William Tell," Goethe's "Herman and Dorothea," Heyse's "L'Arabiata," Heyse's "Die Blinden." Special exercises in word order and auxiliary verbs and sight reading. Both semesters.

**V. Heine's Poems and Lessing's "Emilia Galotti".....3 hours**

Fossler's Practical German Conversation. First semester.

**VI. Lessing's "Minna von Barnhelm" and "Nathan der Weise" .....3 hours**

Second semester.

**VII, VIII. Goethe and Schiller.....3 hours**

An intensive study of the lives and works of Goethe and Schiller and their relation to their contemporaries. Lectures, discussions and written reports. Both semesters.



## GREEK LANGUAGE AND LITERATURE

Professor S. A. Wilson

In the study of Greek it is the first purpose to secure a good foundation in the grammatical principles of the language. Afterwards it is the aim to so study the authors read that there shall be accuracy in the expression of the thought and appreciation of their literary excellence.

**I. Elementary Greek and Book I, Xenophon's Anabasis.....4 hours**

White's First Greek Book and Goodwin's Anabasis, Book I.

Careful attention is given to forms and idioms and to the fundamental principles of syntax. Preparatory course but students entering Freshman class without conditions will be given college credit. Both semesters.

**II. Xenophon's Anabasis.....3 hours**

Books II-IV. The essential points of inflection and syntax reviewed. Freshman or Sophomore year. First semester.

**III. Homer's Iliad.....3 hours**

Books I-IV. Translation. The Greek Epic. The Homeric Age. Some study of Greek mythology. Freshman or Sophomore year. Second semester.

**IV. Memorabilia.....3 hours**

Books I-IV. Study of the life and times of Socrates and the principles of his philosophy. Sophomore or Junior year. First semester.

**V. Greek Testament.....3 hours**

One of the Gospels is read and such of the epistles as time permits. Sophomore or Junior year. Second semester.

The following elective courses are also offered:

**VI. Desmosthenes on the Crown.....3 hours**

Greek orations and oratory. The courts of law. Thesis. First semester.

**VII. Plato's Apology and Crito.....2 hours**

Second semester.

**VIII. Aeschylus, Prometheus Bound.....2 hours**

Study of Greek Dramatic Art. First semester.

**IX. Aristophanes, Clouds.....2 hours**

Greek comedy. Second semester.



## HISTORY

Professor Morrison

The aim of the department of History is to offer several broad courses giving knowledge of the vital issues, problems, and movements in the growth of the leading nations of the world. The

courses are made out with a view of laying stress on the institutional and economical phases of history. The progress of the world is studied in the course on government, also in the course on current history. The past is studied so the present may be understood. It is also desirable that the student should acquire an appreciation of the great characters in history.

**II. Greek History.....2 hours**

A survey of the development of the Greek people from the Mycenaean Age to the Roman conquest. The vital elements of Greek civilization and the relation of this culture to the modern world are emphasized. Text: Bury's "History of Greece." Second semester. May be elected by Freshmen.

**III. Roman History.....3 hours**

A survey of the growth of the Roman state from the founding of the city to the beginning of the Middle Ages. Especial attention will be paid to the early Empire and to the development of Roman Institutions. Text: Pelham's "Outlines of Roman History." First semester. This course with Course IV may be taken to satisfy the Sophomore requirement in History.

**IV. English History.....2 hours**

The growth of the nations is traced from the early settlements and conquests. Special attention is given to the Reformation, the conflict between King and Parliament, and the development of the British constitution. Text: Cheyney's History of England. Second semester. This course with Course III may be taken to satisfy the Sophomore requirement in History.

**V. & VI. History of Western Europe.....3 hours**

The course covers the period from 375 A. D. to 1915. Emphasis is laid upon the civilizing influences during the Great Migrations and the fall of the Roman Empire, the rise of Papacy, feudalism, the crusades, invasions of the Saracens, rise of modern nations, Renaissance and Reformation, religious wars, and the age of Frederick the Great, growth of nationalities. Texts used during 1916-1917 are Hulmes' "Renaissance and Reformation," Robinson's "History of Western Europe," volume II. Open to Freshmen, Sophomores, Juniors or Seniors. Both semesters.

**VII & VIII. History of Modern Europe.....3 hours**

The course covers the period from 1789 to 1915. The history of Modern Europe is studied intensely. The main topics for consideration are "Revolutionary Europe," including the Revolution and the

Napoleonic Era and "Europe since 1815." Emphasis is laid on the social, industrial and economic phases of the recent development of the European states. The prime purpose of this course is to furnish a good basis for work in American history. The texts used are Robinson & Beard's "Development of Modern Europe," volume I, and Hazen's "Europe Since 1815," Open to Sophomores, Juniors and Seniors. Both semesters.

**IX & X. American History.....3 hours**

The course covers the period for 1789 to 1915. A thorough course with emphasis laid on the social, economic and industrial phases and on the development of nationality. Text: Fish's "Development of American Nationality." Open to Juniors and Seniors. Both Semesters.



**GEOLOGY**

Professor Miller

**I. Physiography, Structural, Dynamical and Historical Geology.**

Three recitations per week. Second semester. Open to all who have had Chemistry I. Text: Dana.



**LATIN, LANGUAGE AND LITERATURE**

Professor Wilson

The primary aim of the department is to enable the student to acquire the requisite facility for reading the Latin Language with pleasure and profit. It is also hoped that he will obtain a creditable knowledge of Latin literature and of the conditions prevailing in the home and public life of the ancient Romans. In connection with the reading of the various authors, time is given to the illustration of principles of syntax, idioms, sight reading and prose composition.

**I-II. Vergil. Books I-VI of the Aeneid.....4 hours**

The object of the course is primarily literary, but linguistic matters demand considerable attention, especially at the start. Familiarity with the mythological allusions, and a conception of the poet's place in literature are among the aims of Vergilian study here emphasized. Text: Harper & Miller's Aeneid. First and second semesters. Freshman year. Required in English, Latin-German and Latin-Greek groups.

### III. Cicero and Terence.....3 hours

The De Senectute of Cicero and the Andria and Phormio of Terence. Cicero's later life and his importance as a moralist and philosopher will be discussed. Elementary study of the Roman drama. First semester. Sophomore year.

### IV. Horace.....3 hours

The Odes and Epodes will be studied as a highly developed literary form. Frequent written translation of assigned odes and practice in metrical reading. The life and influence of Horace, the models of his work, and the Augustan age will be studied. Text: Moore's Horace. Second semester. Sophomore year.

### V. Plautus.....3 hours

The Captivi and Trinummus of Plautus. The development of Latin comedy, the plots and characters will be considered at length, and ante-classical forms and constructions will receive attention. First semester. Junior year.



## MATHEMATICS

Professor Bell

The aim of the Mathematical department, is in the first place to offer work of such character as will develop the thought power of the student, teach him to think coherently, and thus better prepare him to solve life's problems, whether they be social, industrial, or professional; in the second place, to give the student the necessary mathematical preparation for doing efficient work in any one of the various lines of engineering; and again, to present the courses offered in such a way as to fit the student for beginning advanced work in mathematics, should he wish to specialize in the subject.

The number of mathematical volumes in the library is not large, but, for the most part, they are well chosen and afford the student, who is so inclined, an opportunity of doing a limited amount of work in mathematics of a somewhat more advanced character than that offered in the regular college courses.

The courses offered are as follows:

### IV. Solid Geometry.....2 hours

This is an elementary course intended for those who do not offer solid geometry for entrance. Open to Freshmen. Second semester.



**V. College Algebra.....3 hours**

Rapid review of factoring, radical expressions, arithmetical and geometrical progressions, and linear equations. Study of quadratic equations, inequalities, complex numbers, elementary theory of equations, permutations and combinations, determinants, and logarithms. Required of Freshmen. First semester.

**VI. Plane Trigonometry.....3 hours**

The course includes trigonometric functions of acute angles, solution of right triangles, trigonometric functions of any angle, relations between the trigonometric functions, trigonometric analysis, general values of angles, inverse trigonometric functions, trigonometric equations, graphical representation of trigonometric functions, solution of oblique triangles. Required of Freshmen. Second semester.

**VII. Plane Analytic Geometry.....3 hours**

It is the aim of this course to offer enough of the subject to prepare the student, otherwise qualified, for beginning the Calculus. The work includes a study of the straight line, circle, parabola, ellipse and hyperbola with a brief study of transformation of coordinates and the general equation of the second degree. Open to Sophomores. First semester.

**VIII. Calculus I.....3 hours**

Differential Calculus. The course begins with a brief introductory study of variables and functions, and the theory of limits. A study of differentiation and the derivation of rules for differentiating the standard elementary forms. Simple applications of the derivative. Successive differentiation. Maxima and minima. Points of inflection and curve tracing. A brief study of differentials. Open to Sophomores. Second semester.

**IX. Calculus II.....3 hours**

Integral Calculus, (Prerequisite, Course VIII): The work includes rules for integrating standard elementary forms, constant of integration, the definite integral, integration of rational fractions, integration by substitution of a new variable, integration by parts and reduction formulas. Open to Juniors and Seniors. First semester.

**X. Solid Analytic Geometry.....2 hours**

Prerequisite, Course VII and preferably Course VIII. The topics treated of are the following: Coordinates and direction cosines, planes, straight lines, the conicoids, polar coordinates,



transformation of coordinates, and the general equation of the second degree. First semester.

**XI. Calculus III.....3 hours**

This is a continuation of the work of Courses VIII-IX. The differential calculus of this course includes the theorem of mean value, indeterminate forms, circle of curvature, center of curvature, partial differentiation, envelopes, series, expansion of functions, asymptotes, singular points. The integral calculus includes integration as a process of summation, and successive and partial integration. Open to Juniors and Seniors. Second semester.

**XII. Advanced Algebra.....3 hours**

The following topics are studied in this work. The graph of an equation, complex numbers, algebraic and trigonometric solution of cubic equations, algebraic solution of quartic equations, elementary theorems on the roots of an equation, symmetric functions, reciprocal equations, isolation of the real roots of an equation with real co-efficients, solution of numerical equations, determinants, systems of linear equations. College Algebra and Trigonometry are necessary prerequisites and for best results the student should have had some work in plane analytic geometry and differential calculus. Open to Juniors and Seniors. Second semester.

**XIII. Differential Equations.....3 hours**

The course includes equations of the first order and first degree, equations of the first order and higher degree than the first, singular solutions, linear equations with constant co-efficients, linear equations of the second order, miscellaneous methods for solving equations of higher order than the first, some applications of differential equations to problems in physics and mechanics. Prerequisite, Course IX. Open to Seniors. First semester.

**XIV. The Mathematical Theory of Investment.....2 hours**

This course is offered for the benefit of those students who are preparing themselves for commercial careers or for the public service.

The course begins with a brief review of progressions, limits and series, and logarithms. The principal topics treated of are, interest, annuities, the extinction of interest-bearing debts by periodical payments, the valuation of bonds, sinking funds and depreciation, and building and loan associations. Prerequisite, a good knowledge of College Algebra. Both semesters. Four hours credit.

**XV. Analytic Mechanics.....2 or 3 hours**

This course should be preceded by integral calculus, but if not

so preceded, integral calculus must be taken simultaneously with it. One purpose of the work is to develop facility in the application of mathematical formulae to the investigation of physical phenomena. Open to Juniors and Seniors. Both semesters. Four or six hours credit.

**XVI. The Teaching of Mathematics.....2 hours**

A study is made of the teaching of secondary algebra, geometry and arithmetic. The work is intended for those who expect to teach high school mathematics. Prerequisites, college algebra and plane trigonometry and preferably analytical geometry and differential calculus. Second semester.

Courses XIII-XVI will be given only when in the judgment of the professor in charge there is sufficient demand for any of them.



**MECHANICAL DRAWING**

Miss Brown

Lettering in pencil and in ink. Free hand sketches of simple machine parts.

Revolution of Geometrical solids.

Principles of projection.

Sketching of machine parts.

Tracing and blue printing. Three two hour periods. First semester. Three hours credit.

No extra tuition is charged for Mechanical Drawing or Drawing in Normal Courses.



**PHILOSOPHY AND PSYCHOLOGY**

Professor van Patter

The object of this department is to give the student a knowledge of the content of the thought of the Ancient, Medieval and Modern thinkers, concerning mind, body, being, reality, self, God, thought, morality, conduct, etc., and to reduce it to practical terms even to the point of subjecting both human and animal mind to laboratory experimentation.

**\*I. General Psychology.....3 hours**

Both analytic and synthetic methods are used. The course presents in outline a broad survey of the field of General Psychology. Note book syllabi are prepared into which is wrought the matter secured through assigned readings. The authorities thus

used are standard works as those of Angell, Baldwin, Calkins, James, Stout, Titchener, and others. Much experimental work is done, using Seashore's Manual. Three recitations and one period for experimentation per week. Required of Juniors. First semester. This or an equivalent course must precede course in Theory of Education, or Methodology. Open to Sophomores who plan to get a certificate at end of two years.

**II. Ethics.....2 hours**

A study of the nature of obligation in its philosophical and psychological basis, developing the moral intuition to comprehensive system of practical Ethics. Theories of historical importance will be briefly considered. The various moral standards will be weighed. Required of all candidates for degree. Second semester.

**III. Logic.....2 hours**

The more common forms of reasoning are studied in detail. Without neglecting the technique of the subject, it is proposed to make the course as practical as possible. Required of Juniors. First semester.

**V. History of Philosophy.....3 hours**

A general survey of the field from the Greek thinkers to modern times. The general outline will be enlarged by informal lectures, and references to the sources. Class reports. Prerequisites, Psychology and Logic. First semester.

**VI. Epistemology.....3 hours**

The theory of Thought and Knowledge will be studied from text and by lecture. Written reports and dictation note books required. Text: Bowne. First half, second semester. Senior elective.

**VI. a. Epistemology.....3 hours**

Method same as for Course V. Second half, second semester. Can only be taken following VI. a.

**VIII. Abnormal Psychology.....2 hours**

A presentation of the literature and problems connected with a study of the Psychopathic, Retarded and Mentally Deficient. The course is particularly designed for those wishing to enter the teaching profession. Some time will be given to laboratory work and to the study of special cases as occasions present themselves. Such authorities as Holmes, Tredgold, Toldat, Goddard, Town, Binet and

Sylvester will be consulted as references. The basis of experimentation will be the Binet Tests. Second semester. Prerequisites, General Psychology.



## CHEMISTRY

Professor Miller

### **\*I. General Elementary Chemistry.....4 hours**

Lectures, recitations and laboratory work. A study of the fundamental laws of Chemistry with many problems based on the text. Also a study of elements and their compounds, based on the Periodic Classification. Three recitation hours and four laboratory hours per week. First semester. Required for graduation. Text: McPherson & Henderson's Elementary Chemistry; McPherson & Henderson's Laboratory Exercises.

### **\*II. Advanced Inorganic Chemistry.....4 hours**

A more extended study of Inorganic Chemistry, including Chemical Philosophy and a study of elements and their compounds. In the laboratory some thirty-five or forty inorganic compounds are synthesized. Three recitation hours and four hours in the laboratory per week. Second semester. Required of Freshmen who are majoring in Chemistry, Biology or Mathematics. Open to all who have had Course I or equivalent. Especially recommended to those who plan to teach Chemistry. Text: Newth's Advanced Inorganic Chemistry (subject to change) and Blanchard's Synthetic Inorganic Chemistry.

### **III. Qualitative Analysis.....4 hours**

A study of the separation and detection of the inorganic bases, or mentals, with a thorough drill in reactions pertaining to basic analysis. Thirty "unknowns" are required to be analyzed. Required of those majoring in Chemistry and open to all who have had a year of Inorganic Chemistry. Two recitation hours and four hours in the laboratory. First semester. Text: Outline for Qualitative Analysis, as prepared by the instructor.

### **IV. Qualitative Analysis.....4 hours**

A continuation of Course III. The detection of acid radicals is studied, together with a thorough drill in acid reactions. The complete analysis of 24 unknowns is required. Required of those majoring in Chemistry, and open to all who have had Course III. One recitation hour, and five laboratory hours. Second semester. Text: Same as Course III.

**V. Organic Chemistry.....4 hours**

A study of the aliphatic compound with a thorough drill in organic reactions. It is studied as a system rather than a series of isolated and independent parts. In the laboratory many organic preparations are made and preserved. Three recitation hours and about five hours in the laboratory per week. First semester. Required of all who major in Chemistry, and open to all who have had Courses I and II, or equivalent. This course may precede Courses III and IV. Text: Cohen's Theoretical Organic Chemistry. Laboratory Manual, Gatterman's Practical Organic Chemistry.

**VI. Organic Chemistry.....4 hours**

The Aromatic compound are studied, together with a thorough drill in reaction writing. The course includes a study of the principal coal tar derivatives, and closes with a comprehensive study of the dyestuffs, their constitution, preparation and action on the fiber. Three hours recitation and about five hours in the laboratory per week. Required of those majoring in Chemistry, and open to those who have had Course V. Text: Same as above.

**VII. Quantitative Analysis.....4 hours**

Volumetric Analysis. A study of the theory of volumetric analysis, and the analysis of many "samples" in the laboratory. Two hours recitation and four in the laboratory per week. First semester. Open to all who have had Courses III and IV. Text: Foulk's Notes on Quantitative Analysis.

**VIII. Quantitative Analysis.....4 hours**

Continuation of Volumetric methods and a study of Gravimetric methods. One recitation hour and five hours in the laboratory per week. Second semester. Open to all who have had Course VII. Text: Same as above.

**IX. Water Analysis.....3 hours**

The complete analysis of water, both chemical and bacteriological. One hour recitation and four hours in the laboratory. One semester. Open to those who have taken Course III. Text: Mason's Examination of Water.

**X, XI XII. Advanced Organic Preparations.....2 or 3 hours**

Some of the most complex and complicated preparations are made in the laboratory. The course closes with the synthesis of some original preparation. Only those who show a thorough grasp of the subject are admitted. Ten to fifteen hours in the laboratory.



**PHYSICS**

Professor Horner

**I. General Physics.....4 hours**

A college course in Mechanics Heat and Sound. No mathematics higher than trigonometry. Two recitations and two laboratory periods per week. First semester. Reed & Guthe's College Physics, subject to change.

**II. General Physics.....4 hours**

Magnetism, Electricity and Light. Two recitations and two laboratory periods per week. Second semester.

Additional, Burns' Alternating Currents Simplified and Burns' Experimental Course in Alternating Currents, subject to change.

**IV. The Foundations of Alternating Current Theory.....**

Lectures, Recitations and Demonstrations. Two, three or four hours. Conditional.

**POLITICAL SCIENCE**

Professor van Patter

**I. General Political Science.....3 hours**

A general survey of the principles of political science; special attention given to the history and workings of the machinery of state. Sophomore Standing required. Text-book, readings and discussions. First Semester.

**II. American Party Government.....3 hours**

A study of the rise, development and function of political parties, with special attention to methods and practices of political parties. Sophomore standing required. Text-book, readings and discussion. Second Semester.

**III. Comparative Government.....2 hours**

A comparative study of political institutions of the leading European Countries, with special attention to those closely related to the government of the United States. Junior Standing required. Text-book, readings and discussions. First Semester.

**IV. International Relations.....2 hours**

A course in international law, diplomacy and world politics. Special attention given to the participation of the United States in the development of international law; and the relation of the World War to international law. Text-books, readings, discussions. Open to Juniors and Seniors, others by permission. Second Semester.



## PREPARATORY DEPARTMENT



### GENERAL STATEMENT

Owing to very small enrollment of the last few years, no definite course is outlined. However, work will be offered to those desiring it, in the upper class work of the preparatory school. So far as practicable the following course will be followed:



### PREPARATORY COURSE

#### Third Year

English 1c and 2c.....(4)	Latin 3, (Cicero).....(4)
Latin 3, (Cicero).....(4)	History 1.....(4)
Math. 3, (Algebra).....(4)	Math. 4, (Solid Geometry) (4)
Science .....(4)	Science .....(4)

#### Fourth Year

Latin 4, (Virgil).....(4)	Latin 4, (Virgil).....(4)
German 1, or.....(4)	German 1, or.....(4)
Greek 1.....(4)	Greek 1.....(4)
Physics 1.....(4)	Physics 1.....(4)
History 2 (Ancient).....(4)	English 1c and 2c.....(4)

Numbers following subjects indicate courses, those in brackets the recitation periods per week.

## Department of Music



### FACULTY

ROSS TURNER CAMPBELL, D. D.

President of Cooper College

CLYDE EDWIN MATSON, A. B.

Director of Department of Music

Professor of Singing, History, Appreciation of Music

EDNA MAY RAIT

Piano, Harmony, Advanced Composition

JOHN HENRY HINSHAW

Instructor of Stringed Instruments, Orchestra.



### FOREWORD

The Department of Music offers superior musical training in the most important and most useful branches of the art of music. Its various courses of study are planned along most modern and liberal lines. They afford a thorough and comprehensive knowledge of the subjects they cover from the most elementary through the professional. To those desiring a musical training for future service, the Department offers unequaled advantages. It gives a special training for the teacher or the artist. It offers a course that compares musically with a university training. To literary students seeking a college where not only the highest in academic training can be secured but equally careful training musically, Cooper offers advantages which are to be found in comparatively few institutions. The work is fitted for the musical student and for the literary student desiring aesthetical training as well. The department fully meets the needs of the culture-seeking mass.

The faculty is composed of musicians of superior training and ability. They have been trained in the best and most competent colleges and conservatories and under noted teachers along their chosen lines. All are artists as well as teachers of proven ability. They are capable of putting precept into practice.

## COURSES OF STUDY



### SINGING DEPARTMENT

Mr. Matson

Students can enter at any time.

**First Year:** Consists of tone placement, easy singing within the compass of the voice, relaxation, breathing, intonation, easy scale and arpeggio exercises, simple rhythm, easy songs, sight singing.

**Freshman Year:** Tone placement, floating of the voice throughout the entire compass, breathing, phrasing, rhythmic exercises, minor and chromatic scales, vocalises, diction, songs, ensemble.

**Sophomore Year:** Free placement, agility, tone qualities, more difficult vocalises, song, ensemble.

**Junior Year:** Advanced tone study, qualities and color; trill; English, French, and Italian diction; part singing and balance; songs; opera and oratorio.

**Senior Year:** Repertoire, interpretation, opera and oratorio, recitals.

**Note:** Sight singing, chorus singing, etc., are required of all students studying singing. Students specializing in singing are required to take Harmony, History, Appreciation of Music, etc., as ordered by the Director.



### GRADUATION REQUIREMENTS

Three years of Harmony, Advanced Musical Composition, History, Appreciation of Music, at least two years of piano study, accompanying, etc.



### PIANO DEPARTMENT

Miss Rait

Students can enter at any time.

**Two Years Preparatory Study** consisting of hand position, relaxation, fingering, scales, studies selected from Kohler, Gurlitt,

Lambert, Berens, Burgmuller, Czerny, Heller, etc.

**Freshman Year:** Scale playing, technique, Czerny Selected Studies, Kullak octaves, Pischna, Bach Short Preludes and Fugues for Beginners, 3rd grade pieces, easy sonatas by Haydn and Mozart.

**Sophomore Year:** Difficult technique, Czerny Selected Studies, Cramer, Bach two and three part Inventions, Kullak Book II, 4th grade music, sonatas by Mozart and Beethoven.

**Junior Year:** Bach Well-Tempered Clavichord, sonatas, selected pieces of 5th grade, easier concertos.

**Senior Year:** Repertoire, interpretation, recitals.

**Note:** All students in piano playing are required to study sight singing (for ear training). Students specializing in piano playing are required to take Harmony, Musical History, etc., as ordered by the Director.



## GRADUATION REQUIREMENTS

Two years study of Harmony, Advanced Composition, Musical and Theoretical subjects, accompanying, two years of singing or some other related subject, sight playing, recitals, etc. Two years of English, six hours of which must be Freshman required English.



## VIOLIN DEPARTMENT

Professor J. H. Hinshaw

**Preparatory Year:** Work selected from the following: Kelley's First Lessons on the Violin; Lindberg's Modern Violin School; Henning's Violin Method, Part One; David's School, Part One; Wohlfahrt, Op. 45, Book One; Pleyel, Violin Duets, Op. 8; Hans Sitt, Op. 32, Book One; Easy Solos with accompaniment.

**Freshmen Year:** Sevcik, Op., Book One; Ed. Schroeder, Position Studies, Op. 9; Kayser, Op. 20; Pleyel, Op. 48; Dancla, Op. 68; Sitt, Op. 32, Books Two and Three; Dancla, Six Aires. Solos using all positions, to the sixth, with accompaniment.

**Sophomore Year:** Kayser, Op. 20, Continued; David's School, Part Two; Viotti, Celebrated Duets for Violins; Mazas, Op. 26; Small Concertos; Sevcik, Op. 1, Continued; Schubert's Sonatas; Orchestra and other ensemble work.

A teachers' certificate may be granted by adding to the above, one semester of Piano Study, Theory of Music, and Elementary Harmony.

**Junior Year:** Kreutzer's Celebrated Etudes; Dancla, Twenty Studies, Op. 73; Haydn and Mozart Trios; Voitti Duets, Continued;

String Quartette; Orchestra; Sonatas; Solos with Piano.

**Senior Year:** Work selected from the following: Rode, Twenty-four Caprices; Fiorillo, 36 Etudes; Gavines, Twenty-four Etudes; Campagnoli, Op. 18; Mozart, Handel, Mendelssohn, and Beethoven Sonatas, for Violin and Piano. Repertoire.

To obtain a diploma, a year of Piano study, History and Theory of Music, and Elementary Harmony must be added to the above.



## PUBLIC SCHOOL MUSIC

Mr. Matson

**First Year:** Sight Singing, voice culture, elementary harmony, piano playing.

**Second Year:** Sight singing, voice culture, advanced harmony, methods as applied to the first eight grades, dictation.

**Third Year:** Methods as applied to the high school, practice teaching, singing, accompanying, conducting.

**Note:** At least 15 semester hours of educational subjects in the academic department are required for certificate.



## MUSICAL COMPOSITION

Mr. Matson

Miss Rait

**First Year:** Heacox-Lehmann Elements of Harmony complete.

**Second Year:** Heacox-Lehmann Elements of Harmony Complete and Lehmann's Counterpoint.

**Third Year:** Simple Counterpoint, canon, fugue, original compositions.

**Fourth Year:** Orchestration, arranging pieces for orchestra.



## MUSICAL HISTORY

Mr. Matson

This course consists in a thorough study of the history of music and its development along all lines from the earliest known sources through to our modern writers. The object covers one year's study of three hours per week. Text book to be announced.



## APPRECIATION OF MUSIC

Mr. Matson

This study covers development of our notation and composi-

tion system from the earliest known Folk Songs, the early dance forms, and development of all musical forms through the sonata and symphony. The course consists in lectures and illustrations.



### SIGHT SINGING

This subject is required of all students registered in the Department and carries no extra fee. Classes are formed each semester.



### TUITION FEES

Singing, per semester (2 lessons per week).....	\$25.00
Piano Playing, per semester (2 lessons per week).....	\$25.00
Violin, per semester (1 lesson per week).....	\$13.50
Note:—One lesson per week will be \$13.50 per semester.	
Public School Music Methods.....	\$12.00
Harmony or Musical Composition.....	\$10.00
Elementary Sight Singing or Choral Club.....	\$10.00
Musical History.....	\$ 6.00
Appreciation of Music.....	\$ 5.00
Use of piano for practice one hour daily, per semester.....	5.00
Each additional hour, per semester.....	2.50



### IMPORTANT INFORMATION

All tuitions are payable in advance. Lessons missed by the pupil will not be made up. Except for serious sickness and upon previous notice.

Due bills will be issued only to students who, because of sickness or similar good reason, have missed more than one month's work, said due bills to be applied on future tuition. **No money refunded.**

The Director (upon approval of the President) reserves the right to refuse admission to the Department to any person whose presence might prove detrimental to the Department's interest.

When a student enters the Department, he voluntarily becomes subject to the rules and requirements of the Department. No student will be granted a diploma from this Department who is not a High School graduate.



## SCHOOL OF EXPRESSION



Miss McClanahan

The aim of the Public Speaking Department is to train the student to think vitally on his feet, to acquire a vocal vocabulary and to develop his instruments of expression, mind and body.

**Course I. Evolution of Expression.....3 hours**

Volume I is used as a basis of work. It is the object of this course to foster in the student a keener and deeper appreciation of the truth and beauty of great prose and verse and at the same time to enrich his own and other lives by cultivating the power of expression the glories which are opened to his vision. First Semester. Juniors.

**Course II. Evolution of Expression.....3 hours**

Volume II is used to develop greater freedom of body and voice. Play writing and dramatizing of novels are studied for developing dramatic expression with accompanying emotions. Second semester. Tuition course.

**Course III. Story Telling.....**

Principles of story telling. Purpose of story. Psychological reasons for selected stories for different periods of childhood; Fairy tales; Folklore Fable; Bible stories; Myths; Legends; Nature and Animal stories; Hero tales; Realistic stories; Dramatic stories; Individual practice with criticism and suggestion. 2 hours.

**Course IV. Bible Reading.....**

Study of Bible selections in varied literary forms for the interpretation of the message. Mental grasp of the message. Conveyance of the message to the hearts of others. 2 hours.

**Private Instruction.....**

This course will be adapted to the individual needs of the student. A definite schedule and course of study is pursued leading to definite ends. A given amount of work satisfactorily covered is required for credit.

**Graduation** .....

A "Diploma in Expression" is granted to those who fulfill the requirements of the Department. Those wishing to graduate, from the School of Expression will be required to complete the following courses: I, II, III, IV.

The Diploma course also requires each student to prepare a graduation recital. This recital may consist of selected readings or an original adaptation of one standard work of fiction.

For graduation in this Department a minimum requirement of two years' college English is made. Six hours of this shall be Freshman required English.

No student will be granted a diploma from this Department who is not a High School graduate.

**Recitals**

All students are required to appear in public recitals at least once each semester. Private students' recitals every two weeks.

**RULES AND REGULATIONS**

Students are subject to college rules. Lessons lost by fault of student will not be made up without extra payment.

Lessons excused one day previous will be made up.

Lessons lost by fault of teacher will be made up.

**TUITION**

For rates of tuition see under Expenses.

**PHYSICAL EDUCATION****Corrective Exercises** .....

This course covers general posture and bearing and gives the student exercises which correct the rounded shoulders, the protruding head, the sunken chest, the flat foot and other conditions of the body.

**Drills** .....

Many attractive drills will form an interesting line of instruction in this course. The drills offer an essential feature for exhibition work in public and high schools. 2 hours.

Two hours required for graduation.

## REGISTER OF STUDENTS COLLEGE



### SENIORS

Brush, Donald Henry.....	Newton, Kansas
Davidson, Winifred Esther.....	Plevna, Kansas
Faris, Edith Blanche.....	Southwick, Idaho
Faris, Hervey S.....	Southwick, Idaho
Fullerton, Bryant.....	Sterling, Kansas
Fullerton, Wyatt.....	Sterling, Kansas
Hanna, Mrs. Sarah.....	Sterling, Kansas
Henery, Anna J.....	Bostwick, Nebraska
Jacobs, Alice.....	Sterling, Kansas
Lindsay, Edgar.....	Conway Springs, Kansas
McClellan, Harvey H.....	Olathe, Kansas
McCrea, Clara Grace.....	Sterling, Kansas
McCrary, Mildred.....	Sterling, Kansas
Monroe, Beneda.....	Sterling, Kansas
Pollock, Earl.....	Sterling, Kansas
Ritchie, Elizabeth.....	Sterling, Kansas
Snair, Edna.....	Sterling, Kansas
Sturgeon, Angie.....	Sterling, Kansas
Thompson, Daisy Ruth.....	Sterling, Kansas
Wilson, Charles E.....	Xenia, Ohio
Work, Sarah.....	Ft. Morgan, Colorado



### JUNIORS

Adams, Andrew Calvin.....	Sterling, Kansas
Allison, Mary Agnes.....	Sterling, Kansas
Dill, Elmer.....	Sterling, Kansas
Hutcheson, Chester.....	Sterling, Kansas
Hunter, Delia.....	Newton, Kansas
Jacobs, Helen.....	Sterling, Kansas
Koontz, Ina Pearl.....	Jetmore, Kansas
McElroy, Elizabeth.....	Quinter, Kansas
McGranahan, Mary.....	Arkansas City, Kansas
Scott, James H.....	Coila, New York

## SOPHOMORES

Anderson, Wallace.....	Cedarville, Ohio
Black, Louise.....	Stafford, Kansas
Braum, Daniel.....	Winchester, Kansas
Caskey, Cloyd E.....	Sterling, Kansas
Caywood, Bruce P.....	Nickerson, Kansas
Crawford, Janette.....	Sterling, Kansas
Edwards, Lora B.....	Sterling, Kansas
Forby, Marguerite.....	Sterling, Kansas
Fullerton, Roy.....	Sterling, Kansas
Gray, Ralph.....	Summerfield, Kansas
Graham, Margaret.....	Loveland, Colorado
Hanlon, Harry.....	Sterling, Kansas
Humphreys, Joseph R.....	Jetmore, Kansas
Hutcheson, Olive.....	Sterling, Kansas
Jacobs, Theresa.....	Sterling, Kansas
Kerr, Robert.....	Cambridge, New York
Lindsay, Bertha.....	Conway Springs, Kansas
Lindsay, Nellie.....	Conway Springs, Kansas
McClellan, Odessa.....	Olathe, Kansas
McCall, Ola Marie.....	Richmond, Kansas
McKnight, James.....	Eskridge, Kansas
McKnight, Mabel M.....	Sterling, Kansas
Pinkerton, John.....	Pawnee, Nebraska
Shaw, Wallace.....	Holton, Kansas
Stubbs, Morris.....	Sterling, Kansas
Tippin, Ella.....	Sterling, Kansas
Work, Elizabeth.....	Ft. Morgan, Colorado
Zimmerman, Mabel.....	Sterling, Kansas



## FRESHMEN

Anderson, Ethel Pearl.....	Plevna, Kansas
Bedford, Rose.....	Greeley, Coloado
Bundy, Ansel.....	Sterling, Kansas
Crawford, James.....	Sterling, Kansas
Currier, Christine E.....	Sterling, Kansas
Curry, Marjorie.....	Sterling, Kansas
Dobbin, Wilda M.....	Viola, Kansas
Fair, Dale Frank.....	Alden, Kansas
Fleeson, Richard.....	Sterling, Kansas
Gardner, Andrew.....	Sterling, Kansas
Gish, Lee Nash.....	Sterling, Kansas
Goerke, Dewey.....	Sterling, Kansas
Goerke, Edna.....	Sterling, Kansas
Hanlon, Earl S.....	Sterling, Kansas

Hardy, Myra.....	Arkansas City, Kansas
Hays, Everett.....	Sterling, Kansas
Kern, Carl Levi.....	Sterling, Kansas
Lippoldt, Rose.....	Kinsley, Kansas
Lupton, Norman.....	Sterling, Kansas
Nickum, Mildred Lucile.....	Sterling, Kansas
Olmstead, Grace.....	Sterling, Kansas
Patton, Willa.....	Sterling, Kansas
Pew, Edith J.....	Plevna, Kansas
Ross, Floyd W.....	Sterling, Kansas
Roy, Kathryn.....	Sterling, Kansas
Stinson, Edith.....	Viola, Kansas
Stubbs, Frederick.....	Sterling, Kansas



#### SUB-FRESHMEN

Calderwood, Jean.....	Sterling, Kansas
Ferguson, Fern.....	Sterling, Kansas
Toner, Walter.....	Sterling, Kansas
Zeller, Frederick S.....	Olathe, Colorado



#### SPECIAL

Hall, Clifford.....	Sterling, Kansas
Latimer, Ross.....	Sterling, Kansas
Lupton, Elizabeth.....	Sterling, Kansas
McQuiston, Dorothy.....	Sterling, Kansas
Painter, J. L.....	Sterling, Kansas
Sloan, Jennie.....	Sterling, Kansas

## MUSIC DEPARTMENT



## PIANO

Anderson, Ethel.....	Plevna, Kansas
Bedford, Rose.....	Greeley, Colorado
Bell, Ruth.....	Sterling, Kansas
Bell, William.....	Sterling, Kansas
Clark, Velma.....	Sterling, Kansas
Currier, Christine.....	Sterling, Kansas
Cuthbertson, Lorene.....	Sterling, Kansas
Davidson, Winifred.....	Plevna, Kansas
Fabin, Gladys.....	Sterling, Kansas
Ferguson, Fern.....	Sterling, Kansas
Flickinger, Ruth.....	Plevna, Kansas
Haynes, Marguerite.....	Sterling, Kansas
Hollingsworth, Esther.....	Sterling, Kansas
Hooten, Verda.....	Sterling, Kansas
Jacobs, Alice.....	Sterling, Kansas
Johnson, Theresa.....	Sterling, Kansas
Johnson, Verda.....	Sterling, Kansas
Keith, Hazel.....	Sterling, Kansas
Kilbourn, Eleanor.....	Sterling, Kansas
Kilbourn, Nelson.....	Sterling, Kansas
Lippoldt, Rose.....	Kinsley, Kansas
Lupton, Myrtle.....	Sterling, Kansas
McGarey, Marjorie.....	Sterling, Kansas
McQuiston, Dorothy.....	Sterling, Kansas
Newby, Mary.....	Sterling, Kansas
Nickum, Mildred.....	Sterling, Kansas
Park, Carl.....	Lyons, Kansas
Pew, Edith.....	Plevna, Kansas
Preston, Gladys.....	Burdett, Kansas
Rich, Mary.....	Plevna, Kansas
Ross, Frances.....	Sterling, Kansas
Roy, Edith.....	Sterling, Kansas
Snair, Grace.....	Sterling, Kansas
Toner, Pluma.....	Sterling, Kansas
Tubbs, Kate.....	Sterling, Kansas
Waters, Edna.....	Sterling, Kansas
Wilson, John.....	Sterling, Kansas



Wilson, Robert.....	Sterling, Kansas
Weede, Dorothy.....	Sterling, Kansas
Woleslagel, Helen.....	Sterling, Kansas
Work, Elizabeth.....	Ft. Morgan, Colorado
Zimmerman, Buford.....	Sterling, Kansas
Zimmerman, Mabel.....	Sterling, Kansas
Zimmerman, Beulah.....	Sterling, Kansas
Zimmerman, Ruth.....	Sterling, Kansas



### STRINGED INSTRUMENTS AND ORCHESTRA

Anderson, Wallace.....	Cedarville, Ohio
Caskey, Cloyd.....	Sterling, Kansas
Culbertson, Howard.....	Sterling, Kansas
Currier, Florence.....	Sterling, Kansas
Ferguson, Fern.....	Sterling, Kansas
Hanlon, Harry.....	Sterling, Kansas
Hildeman, Carl.....	Sterling, Kansas
Hildeman, Emil, Jr.....	Sterling, Kansas
Hildeman, Erma.....	Sterling, Kansas
James, Bessie.....	Sterling, Kansas
Latimer, Ross.....	Sterling, Kansas
Lyon, Lawrence.....	Sterling, Kansas
Park, Carl E.....	Sterling, Kansas
Steinmetz, Marion B.....	Alden, Kansas
Stubbs, Mrs. Louis A.....	Sterling, Kansas
Toner, Walter O.....	Sterling, Kansas
Work, Elizabeth.....	Ft. Morgan, Colorado
Zimmerman, Paul.....	Sterling, Kansas



### ART

Allender, Jetta.....	Sterling, Kansas
Baker, Clara J.....	Sterling, Kansas
Boydston, Mrs. Dora.....	Sterling, Kansas
Braum, Daniel.....	Winchester, Kansas
Byall, Mrs. D.....	Sterling, Kansas
Calais, Edna.....	Nickerson, Kansas
Caywood, Bruce.....	Nickerson, Kansas
Churchill, Mrs.....	Sterling, Kansas
Cuthbertson, Mrs. Lillie.....	Sterling, Kansas
Davidson, Winifred.....	Plevna, Kansas
Dill, Mrs. Clara.....	Sterling, Kansas
Dougherty, Connie.....	Sterling, Kansas
Duff, Mrs. Maggie.....	Sterling, Kansas

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Dunmire, Frances.....	Sterling, Kansas
Hanlon, Harry.....	Sterling, Kansas
Hanna, Archie.....	Sterling, Kansas
Hanks, Mrs. W. W.....	Sterling, Kansas
Henry, Blanche.....	Sterling, Kansas
Henry, Lulu.....	Sterling, Kansas
Hunter, Mrs. Maude.....	Newton, Kansas
Lancaster, Mrs. Mariam.....	Nickerson, Kansas
Lewin, Constance.....	Lindsborg, Kansas
Lindsay, Nellie.....	Conway Springs, Kansas
Lupton, Elizabeth.....	Sterling, Kansas
Marler, Mr.....	Sterling, Kansas
McCrea, Roberta.....	Winchester, Kansas
McKelvy, Mrs. Sylvia.....	Sterling, Kansas
Patton, Bertha.....	Sterling, Kansas
Ross, Kathryn.....	Sterling, Kansas
Shubert, Mrs. Nina.....	Wichita, Kansas
Vincent, Susie.....	Alden, Kansas
Wallingham, George.....	Hutchinson, Kansas
Werner, Emma.....	Alden, Kansas
Williams, Mrs.....	Sterling, Kansas
Zimmerman, Mrs.....	Sterling, Kansas



## SCHOOL OF EXPRESSION



### PRIVATE PUPILS

Adams, Andrew.....	Sterling, Kansas
Allison, Mary.....	Sterling, Kansas
Black, Louise.....	Stafford, Kansas
Crawford, Jeanette.....	Sterling, Kansas
Davidson, Winifred.....	Plevna, Kansas
English, Florence.....	Sterling, Kansas
Fahie, Lenora.....	Sterling, Kansas
Fullerton, Roy.....	Sterling, Kansas
Fullerton, Wyatt.....	Sterling, Kansas
Hanna, Mrs. Sarah.....	Sterling, Kansas
Hartman, Crystal.....	Plevna, Kansas
Hutcheson, Olive.....	Sterling, Kansas
Koontz, Ina.....	Jetmore, Kansas
Lindsay, Edgar.....	Conway Springs, Kansas
Lippoldt, Rose.....	Kinsley, Kansas
McCall, Marie.....	Richmond, Kansas
McElroy, Elizabeth.....	Quinter, Kansas
McGranahan, Mary.....	Arkansas City, Kansas
McQuiston, Margaret.....	Sterling, Kansas
Olmstead, Grace.....	Sterling, Kansas
Preston, Gladys.....	Burdett, Kansas
Shaw, Wallace.....	Holton, Kansas
Squire, Ellen.....	Sterling, Kansas
Williams, Mrs. Alonza.....	Sterling, Kansas
Wingett, Mrs.....	Sterling, Kansas
Work, Sarah.....	Ft. Morgan, Colorado



### PUBLIC SPEAKING PUPILS

Anderson, Ethel.....	Plevna, Kansas
Bundy, Ansel.....	Sterling, Kansas
Crawford, James.....	Sterling, Kansas
Crawford, Jeanette.....	Sterling, Kansas
Curry, Marjorie.....	Sterling, Kansas
Fair, Dale.....	Alden, Kansas

Fleeson, Richard.....	Sterling, Kansas
Fullerton, Roy.....	Sterling, Kansas
Goerke, Dewey.....	Sterling, Kansas
Hutcheson, Olive.....	Sterling, Kansas
Lippoldt, Rose.....	Kinsley, Kansas
Lupton, Norman.....	Sterling, Kansas
McClellan, Odessa.....	Olathe, Kansas
McCrary, Mildred.....	Sterling, Kansas
McKnight, Mabel.....	Sterling, Kansas
Ross, Floyd.....	Sterling, Kansas
Roy, Kathryn.....	Sterling, Kansas
Stubbs, Frederick.....	Sterling, Kansas
Toner, Walter.....	Sterling, Kansas



SUMMARY OF ENROLLMENT



Collegiate—		
Seniors .....	21	
Juniors .....	10	
Sophomores .....	27	
Freshmen .....	27	
Sub-Freshmen .....	4	
Special .....	6	
	—	
Total Literary.....	95	95
Music—		
Piano .....	45	
Stringed Instruments .....	18	
	—	
Total .....	63	63
Art .....		35
Expression—		
Private .....	26	
Public Speaking .....	20	
	—	
Total .....	46	46
		—
Grand Total Enrollment.....		239
Less Names Repeated.....		74
		—
Net Enrollment .....		165

## ALUMNI



## 1892

Essington H. Lees, B. S.; deceased Jan. 12, 1916.

## 1893

Jay Foster Beaman, B. S.; C. E.; (University of Kansas); Engineer, 1306 Peralta Ave., Berkeley, California.

Archie Cameron Rees, A. B.; Farmer, Fort Morgan, Colorado.

Edward Thomas Rees, A. B.; Farmer, Newton, Iowa.

## 1894

George F. W. Benn, A. B.; A. M., (University of Pennsylvania); Pastor Presbyterian Church, Indianola, Iowa.

Edgar Herman Black, A. B.; Pastor U. P. Church, Stafford, Kansas.

## 1895

Talmon Bell, A. M.; Professor of Mathematics, Cooper College, Sterling, Kansas.

## 1896

Minnie Lees, B. S.; (Mrs. George Mann), 196 Hendric Ave., Detroit, Michigan.

William Anderson Phillips, A. B.; Secretary Southern California Sunday School Association, Los Angeles, California.

Mary Adella Spencer, B. S.; (Mrs. E. H. Lees), Sterling, Kansas.

## 1897

Ella E. Crum, B. S.; (Mrs. W. T. Hood), Dramatic Reader, 2829 Olive Street, Kansas City, Mo.

Caleb B. Elliott, Normal; Merchant, Delta, Colorado.

William T. Hood, B. S.; 2829 Olive Street, Kansas City, Missouri; Assistant Manager Wholesale Market, Swift & Company.

John M. Kirkwood, B. S.; Automobile Dealer, Wichita, Kansas.

Jesse J. Liston, Normal; Farmer and Teacher, R. 4, Lewis, Indiana.

## 1898

John U. Brush, A. B.; Pastor U. P. Church, Traer, Iowa.

William I. Finley, B. S.; Lyons, Kansas.

Mabel Latham Grandy, B. S.; (Mrs. T. J. English), Sterling, Kan.

Orin A. Keach, A. B.; Pastor U. P. Church, Akron, Ohio.



- Otto W. Newby, A. M.; (Deceased August 31, 1906).  
Belle S. Smith, A. B.; Teacher, Beaumont, California.  
Estelle Myrtle Stormont, B. S.; (Deceased September 23, 1909).  
William Paul Stormont, B. S.; Bookkeeper, Fontana, California.  
Emma Vera Strong, B. S.; Instructor Latin, High School, Sterling, Kansas.  
Cassie Emma Wiggins, Normal; (Mrs. E. K. Porter), Sterling, Kansas.

## 1899

- Lewis Alfred Kerr, A. B.; Pastor Presbyterian Church, Philipsburg, Kansas.  
David Calvin Matthews, A. B.; Pastor R. P. Church, New Alexandria, Pennsylvania.  
William Henry Meyer, B. S.; Lumber Business, Lamar, Colorado.  
Herbert Bratton McMillan, A. B.; Overseas Y. M. C. A. Service, France.  
Eva Josephine Spencer, B. S.; (Mrs. D. C. Matthews), New Alexandria, Pennsylvania.  
Sarah Squire, B. S.; A. B., (University of Kansas), (Mrs. A. J. Belpont, Jr.), 211 East 56th Street Terrace, Kansas City, Missouri.  
J. Floyd Thompson, B. S.; Manager Lumber Office, Medford, Oklahoma.

## 1900

- Izora Baldwin, Normal; (Deceased December 11, 1916).  
Marion Trueheart, B. S.; A. B., (University of Kansas), M. D.; Physician; Lieutenant, Division Surgeon's Office, Camp Cody, Deming, New Mexico.  
Bert X. Tucker, B. S.; A. B., (University of Kansas); M. S., (University of California), Principal Union High School, Richmond, California.  
May Beatrice Van Nest, Normal; (Mrs. Martin Jacobson), Ault, Colorado.

## 1901

- Mary Lorena Brown, B. S.; Sterling, Kansas.  
Ross Wallace Graham, B. S.; U. S. Postal Clerk, El Reno, Oklahoma.  
John Reynolds McCoy, A. B.; Farmer, Tarkio, Missouri.  
Edna Rosalie Spencer, B. S.; (Mrs. J. L. Wolesslagel), (Deceased April 30, 1917).  
Garfield Wilson Weede, B. S.; D. D. S., (University of Pennsylvania); Dentist, Sterling, Kansas.

## 1902

- Cora Mary Grove, B. S.; (Mrs. Wm. L. Hanlon), Sterling, Kansas.  
Fred Clarence Morgan Hunter, Academic; Farmer, Newton, Kansas.  
Sara Lavina McCrory, B. S.; (Mrs. Bert Lynes), Sterling, Kansas.  
Amy Almira Ross, B. S.; (Deceased May 3, 1909).

- Nellie Arvilla Sanders, Normal; (Mrs. A. J. Siegel), Jamestown, Kansas.  
Frances Eleanor Spencer, B. S.; (Mrs. H. B. Kilbourn), Sterling, Kansas.  
Harry Elmore Squire, Normal; A. B., (University of Kansas); Furniture Dealer, Harper, Kansas.  
Walter W. Stahl, A. B.; A. M., (Fairmount); Lawyer, Lyons, Kansas.  
Charles Stafford Tharp, B. S.; Pastor U. P. Church, Welda, Kansas.  
Ralph Foster Wallace, B. S.; Farmer, Mayonaka, Oklahoma.

## 1903

- John Marvin Bond, B. S.; Sterling, Kansas.  
J. Willard Foster, Normal; Galena, Kansas.  
William Leslie Hanlon, B. S.; Electrician, Sterling, Kansas.  
Iva A. McMillan; 1329 13th Street, Greeley, Colorado.  
J. Clark Turner, A. B.; Farmer, Olathe, Colorado.  
Harry Elmer Walter, Normal; Abstract Office, Syracuse, Kansas.

## 1904

- Benjamin Miller Dobbin, A. B.; Pastor U. P. Church, West Chester, Iowa.  
E. Francis Ewing, A. B.; Superintendent City Schools, Concordia, Kansas.  
Olive Frances Guttery, Normal; (Mrs. Irvin R. Bourell), Sterling, Kansas.  
Harry Augustus Hill, Normal; Farmer, Kirkeal, Alberta, Canada.  
Nannie Hazelton Houston, Normal; (Mrs. H. R. Anderson), (Deceased October 30, 1917).  
David Smith Oyler, A. B.; Missionary, American Mission, Dolieb Hill, Sobat River, Sudan.  
Maude Ethel Smith, A. B.; Teacher High School, Cherryvale, Kansas.

## 1905

- Grace Burford Giffen, Academic; (Mrs. Frederick Hartson), 415 La Belle Street, Rosedale, Kansas.  
Charlotte Lovette Inches, Normal; (Mrs. J. F. Gilliland), Arkansas City, Kansas.  
Willaim Robert Irvine, A. B.; Pastor U. P. Church, LeClaire, Iowa.  
Pearl Johnson, Normal; Teacher, Little River, Kansas.  
Clara Ernest McCarroll, B. S.; Bookkeeper, Hutchinson, Kansas.  
Elizabeth Myrtle McCrory, A. B.; (Mrs. R. W. Walker), Missionary, American Mission, Benha, Egypt.  
Zada Ann Patton, Normal; (Mrs. J. R. Edgar), Olathe, Kansas.  
Andrew Jackson Siegle, A. B.; Pastor U. P. Church, Jamestown, Kansas.  
Jemima M. Webster, Normal; (Mrs. A. J. Linn), Halstead, Kansas.

— Edgar R. Wells, B. S.; Manager Fruit and Poultry Ranch, Prosser, Washington.

### 1906

Elizabeth Estelle Dougherty, A. B.; Instructor German and English, High School, Sterling, Kansas.

Josiah Dodds Edgar, A. B.; Pastor R. P. Church, Olathe, Kansas.

Walter Lee Gunn, A. B.; Salesman Milling Company, Los Angeles, California.

Wilda Annette Spencer, A. B.; (Mrs. W. R. Irvine), LeClaire, Iowa.

### 1907

David Ross Lindsay, B. S.; D. V. S.; Government Inspector, 1645 N. Hydraulic Ave., Wichita, Kansas.

Paul F. Mustard Dinsmore, A. B.; Pastor U. P. Church, Clay Center, Kansas.

Anah Elizabeth Sanders, B. S.; (Mrs. P. F. Dinsmore), Clay Center, Kansas.

Ethel Keturah Stahl, A. B.; (Mrs. R. H. Williams), Sterling, Kansas.

Albert K. Stavely, A. B.; Attorney, Lyndon, Kansas.

Pluma Stavely, A. B.; Teacher, Lyndon, Kansas.

### 1908

Nannie Blanche Adair, A. B.; Instructor German, Latin and Ancient History, Halstead, Kansas.

James Erskine Brownlee, A. B.; (University of Kansas); Professor of Science and Athletic Director, State Normal, Silver City, New Mexico.

Margaret Belle Gault, A. B.; (Mrs. M. S. McMillan), Princeton, Indiana.

Idella Myrtle Greenlee, B. S.; (Mrs. Elmer Johnson), Mankato, Kansas.

Matthew Steele McMillan, A. B.; Pastor R. P. Church, Princeton, Indiana.

Albert Richey Moorehead, A. B.; Lumber Merchant, Walton, Kansas.

Clarence Adelbert Nash, A. B.; A. M. (University of Kansas); Student, University of Chicago, Chicago, Illinois.

Eula Anderson Spencer, A. B.; (Mrs. Houston Buchanan), Tokio, Japan.

### 1909

— Thomas Collins Anderson, A. B.; Farmer, Olathe, Colorado.

Daniel Houston Buchanan, B. L.; A. B., (Colorado College); A. M., (Harvard University); Professor of Economics, Keio University, 12 Shinryudo Cho, Azabu, Tokio, Japan.

Hugh B. Hawthorne, A. B.; Physician; 1st Lieutenant, Medical Corps, Fort Riley, Kansas.

Mabel Jeanette Hawthorne, A. B.; Sterling, Kansas.

Ethel Aletha Henry, Normal; Principal High School, Summerfield, Kansas.

Eva Susanna Jamison, B. L.; Alamota, Kansas.

Leroy Levelon Kauffman, A. B.; Farmer, Rozell, Kansas.

Jetta Elizabeth Kuhn, A. B.; Teacher, Montrose, Colorado.

William Bertram McCrory, A. B.; Student U. P. Seminary, Pittsburgh, Pennsylvania.

David Wilson McVey, A. B.; Pastor U. P. Church, Birmingham, Michigan.

Jennie Moffet Miller, A. B.; (Mrs. Wesley E. Williams), Sterling, Kansas.

Lillian Ora Miller, B. L.; A. B., (University of Kansas); Lyndon, Kansas.

Nora Alice Oyler, B. L.; (Mrs. Sidney Edwards), Fayetteville, Arkansas.

Thomas Currie Oyler, A. B.; Dr. of Chiropractic, Brookfield, Missouri.

#### 1910

Ida Pearl Adams, A. B.; Instructor of English, High School, Sterling, Kansas.

Clara Florence Gailey, A. B.; (Mrs. M. M. Van Patten), Buhl, Idaho.

Carrie Elma Gailey, A. B.; (Mrs. G. G. Van Patten), Kansas City, Missouri.

#### 1911

James Renwick Adams, A. B.; Farmer, Sterling, Kansas.

Mary Rebecca Adams, A. B.; Missionary, A. R. P. Mission, Tak Hing, South China.

Oma Crawley, A. B.; (Mrs. E. E. Peck), Dighton, Kansas.

Martha B. Monzingo, A. B.; Teacher, Hutchinson, Kansas.

James Gordon Robinson, A. B.; Position in Electric Battery Co., 2603 N. 11th Street, Kansas City, Kansas.

John Howard Sturgeon, A. B.; M. D.; Captain, Medical Corps, Am. Ambulance Co. 12, France.

Mabel Abbie Lindley, Expression; W. C. T. U. State Medal Contest Manager, Sterling, Kansas.

Ethel Rogers, Expression; (Mrs. H. A. Swift), 3555 Lexington Ave., Chicago, Illinois.

Minnie Allington, Piano; (Mrs. J. E. Tyrrell), Jetmore, Kansas.

Fareeda Moorhead, Piano; Music Teacher, Public Schools, Pawhuska, Oklahoma.

#### 1912

William James Adair, A. B.; Pastor U. P. Church, Coal Valley, Illinois.

Jennie T. Brook, A. B.; (Mrs. Ernest Tippin), Chicago, Illinois.

- Raymond Gordon, A. B.; 51st Co., 5th Regiment, U. S. Marine Corps, France.
- Jennie McCracken Elliott, A. B.; (Mrs. Gordon Robinson), Kansas City, Kansas.
- Laura P. Gilchrist, A. B.; (Mrs. H. E. Sturgeon), Fayetteville, Arkansas.
- Zillah L. Hawthorne, A. B.; Teacher High School, Augusta, Kansas.
- Inez Inches, A. B.; Teacher City Schools, Sterling, Kansas.
- Myrtle Inches, Piano; Music Teacher, Eldorado Springs, Missouri.
- Janet Findley, Expression; (Mrs. Howard L. Thompson), Sterling, Kansas.
- Ralph Wilson Lindsay, A. B.; Pastor College Hill U. P. Church, Wichita, Kansas.
- Roy D. Lytle, A. B.; Dr. of Chiropractic, 311 & 12 Exchange Building, 16 State Street, Rochester, New York.
- Ernest E. Tippin, A. B.; Medical Student, Rush Medical College, 440 S. Irvine Ave., Chicago, Illinois.
- Guy Graham Van Patten, A. B.; Grain Inspector, 404 East 10th Street, Kansas City, Missouri.
- Myndert M. Van Patten, A. B.; Pastor Presbyterian Church, Buhl, Idaho.

## 1913

- Richard Cameron Adams, A. B.; Missionary, Canton, China.
- Amy Crawford Brown, A. B.; Teacher High School, Garden Plains, Kansas.
- Mary McConnell Dougherty, A. B.; Teacher, Sterling, Kansas.
- John Noble Free, A. B.; Superintendent Schools, Wallace, Idaho.
- Lulu Frances Nickel, A. B.; Teacher High School, Mound City, Kansas.
- Grace M. Ramsey, A. B.; (Mrs. Arthur Brownlee), Pretty Prairie, Kansas.
- Robert Roland Snair, A. B.; Principal Schools, Raymond, Kansas.
- H. Hazel Sturgeon, A. B.; (Mrs. R. W. Lindsay), Wichita, Kansas.
- Harry E. Sturgeon, A. B.; Professor of Chemistry, Arkansas University, Fayetteville, Arkansas.
- Bradner E. Wells, A. B.; Pastor 1st Presbyterian Church, Williamsport, Indiana.
- James Harvey Wilson, A. B.; Principal High School, Rocky Ford, Colorado.
- Gladys Holmes, Piano; Teacher Music, Horton, Kansas.
- Sallie Wirshing, Piano; Teacher Music, Sterling, Kansas.

## 1914

- Grandin Hunt Branch, A. B.; Bookkeeper Prairie Oil & Gas Co., Independence, Kansas.
- Gertrude Louise Dorrance, Expression; Teacher, Pawnee City, Nebraska.



- Mary Belle Edgar, A. B.; (Mrs. R. C. Adams), Missionary, Canton, China.
- Elma Grace Hamill, A.B.; Principal Grade Schools, Burrton, Kansas.
- Cecil C. Hazlett, A. B.; Real Estate and Insurance, Sterling, Kansas.
- Grace E. Lindsay, A. B.; (Mrs. Calvin T. Handy), Milton, Kansas.
- Helen A. Minnis, A. B.; (Mrs. Charles Kattenhorn), Hutchinson, Kansas.
- Earl Olmstead, A. B.; Cereal Chemist, Fort Worth Laboratories, Fort Worth, Texas.
- Lee F. Park, A. B.; Student U. P. Theological Seminary, Pittsburgh, Pennsylvania.
- Ralph Herbert Park, A. B.; Camp Freemont, California, 132 Ordnance, Depot Co., Palo Alto, California.
- Golden Smith, A. B.; (Mrs. O. E. Norwood), Sylvia, Kansas.
- Dollie Stahl, A. B.; Teacher High School, Little River, Kansas.
- Eva Laura Trimble, A. B.; (Mrs. Russell Murphy), Meade, Kansas.
- William Herbert Warnock, A. B.; Teacher, State Industrial School, Commercial Department, Butte, Montana.

## 1915

- Hannah Moore Adams, A. B.; Teacher High School, Ingalls, Kansas.
- John Franklin Arneal, A. B.; Student Presbyterian Seminary, Princeton, New Jersey.
- Robert O. Calderwood, A. B.; Farmer, Sterling, Kansas.
- Helen Stewart Campbell, A. B.; (Mrs. Wray Henry), Cottonwood Falls, Kansas.
- E. E. Colyer, A. B.; Instructor Normal, Hays, Kansas.
- Grace Euphemia Douglas, A. B.; Teacher High School, Belt, Mont.
- John Knox Gault, A. B.; Student R. P. Seminary, Pittsburgh, Pennsylvania.
- Paul Bruce Gray, A. B.; U. S. A., Roxbury, Massachusetts.
- Alda Greer, A. B.; (Mrs. A. D. Warnock), Sterling, Kansas.
- J. Alfred Heasty, A. B.; Student U. P. Seminary, Pittsburgh, Pennsylvania.
- Leonard Oscar Knox, A. B.; Farmer, Jetmore, Kansas.
- Carrie Virginia McClure, A. B.; Teacher High School, Jetmore, Kansas.
- Fred D. McDonald, A. B.; Lieutenant Battalion D., 65 Artillery, A. E. F., France.
- Lester J. McKelvy, A. B.; Clothier, Sterling, Kansas.
- Daveda Mustard, A. B.; (Mrs. James H. Wilson), Rocky Ford, Colorado.
- Goldie Ritchie, A. B.; Teacher High School, Gove City, Kansas.
- William John Robinson, A. B.; Farmer, Viola, Kansas.
- William Harry Ross, A. B.; Student U. P. Seminary, Pittsburgh, Pennsylvania.
- Boyd Stewart, A. B.; Student Kansas City Dental College, Kansas City, Missouri.



Margaret Swartwood Stewart, A. B.; Fellowship in German, Kansas University, Lawrence, Kansas.

Florence C. Waddell, A. B.; Teacher, Greenville, Tennessee.

Arthur D. Warnock, A. B.; Partner in Warnock & Zimmerman Furniture and Undertaking, Sterling, Kansas.

James Alva Weede, A. B.; Lieutenant Battery E., 128 Field Artillery, Doniphan, Oklahoma.

Edith Weede, A. B.; Teacher High School, Mildred, Kansas.

James Irwin Wherry, A. B.; Student U. P. Seminary, Pittsburgh, Pennsylvania.

Anna Myrl Turner, A. B.; Teacher, Newton, Kansas.

### 1916

Luella Marie Andrews, Expression; Student in Horner Institute, Kansas City, Missouri.

William Cooper Black, A. B.; Sergeant 355 Regimental Infantry, Sanitary Detachment, Camp Funston, Kansas.

Ross T. Campbell, A. B.; Teacher High School, Summerfield, Kansas.

Ethel Aletha Henry, A. B.; Principal High School, Summerfield, Kansas.

William Jay Henry, A. B.; City Sales Commissary, Quartermaster's Department, 12th and E. Streets, Washington, D. C.

James Earle Knox, A. B.; Corporal, U. S. A., Camp Funston, Kansas.

Sadie Linville, Piano; Music Teacher, Lamar, Colorado.

Ray R. McClure, A. B.; A. M., (Chicago University); Chemist, U. S. A., 4200 Cheseapeake Street, Washington, D. C.

Jeanette Lois McCrory, A. B.; Missionary, American Mission, Cairo, Egypt.

John Mustard Dinsmore, A. B.; Teacher High School, Tarentum, Pennsylvania.

Carrie McFarland, Expression; Teacher, Billings, Oklahoma.

Helen Olive Potter, Voice; Sterling, Kansas.

Robert A. Reid, A. B.; Radio Service, U. S. N.

Eleanor Gretta Ritchie, A. B.; Teacher High School, Minneola, Kansas.

Ruth Russell, A. B.; Principal High School, Spivey, Kansas.

Frederick Walter Stavely, A. B.; Chemist, U. S. Rubber Co., Asahan, Sumatra, D. E. I.

Paul Stewart, A. B.; Co. A., 7th Detention Barracks, U. S. Naval Station, San Francisco, California.

Helen Strain, A. B.; Teacher High School, Partridge, Kansas.

Milo David Straney, A. B.; Student U. P. Theological Seminary, Pittsburgh, Pennsylvania.

May Elizabeth Waddell, A. B.; Teacher, Olathe, Kansas.

George Earle Wilson, A. B.; Theological Student, U. P. Seminary, Pittsburgh, Pennsylvania.

Elsie Jane Work, A. B.; (Mrs. Frank Sparks), Daily, Colorado.  
Frank H. Wright, A. B.; Student U. P. Seminary, Pittsburgh,  
Pennsylvania.  
Ira Williams, A. B.; U. S. A., Gas and Flame Service, France.

## 1917

Anna Ruth Adair, A. B.; (Mrs. W. J. Robinson), Viola, Kansas.  
Sara Margaret Adair, A. B.; Teacher, High School, Milton, Kansas.  
Clara Viola Adams, A. B.; Teacher High School, Dennison, Kansas.  
Ella Rachel Adams, A. B.; Teacher High School, Dexter, Kansas.  
George E. Battin, A. B.; (Deceased May, 1917).  
Robert John Dill, A. B.; Farmer, Sterling, Kansas.  
Rosalie McMillan Gault, A. B.; (Mrs. J. Wilson Dougherty), Ster-  
ling, Kansas.  
M. Helen Gordon, A. B.; Teacher High School, Blanchard, Iowa.  
Hazel Margaret Honeyman, A. B.; Teacher High School, St. Clairs-  
ville, Ohio.  
May Lewis, A. B.; Teacher High School, Dennison, Kansas.  
Kate W. Lewis, A. B.; Teacher High School, Ingalls, Kansas.  
Mary Edith McKnight, A. B.; Teacher, Chetopa, Kansas.  
Roger E. Pinkerton, A. B.; Student Medicine, Rush Medical College,  
Chicago, Illinois.  
Howard E. Scott, A. B.; Student Theological Seminary, Pittsburgh,  
Pennsylvania.  
Eunice J. Stormont, A. B.; Teacher High School, Bushton, Kansas.  
William Lewis Thornburg, A. B.; Student Theological Seminary,  
Pittsburgh, Pennsylvania.  
William Bruce Turner, A. B.; Teacher High School, Geneseo, Kansas.  
Katherine M. Warnock, A. B.; Teacher High School, Hoisington,  
Kansas.  
Neal M. Wherry, A. B.; Superintendent Schools, Blencoe, Iowa.  
Charles M. Wilson, A. B.; Student Theology, Xenia, Ohio.  
Lulu Henry, Expression; Sterling, Kansas.  
Josephine Johnson, Expression; Student Emerson School of Ora-  
tory, Boston, Massachusetts.  
Mrs. Ella Wingett, Expression; Reader, Sterling, Kansas.  
Martha Colman, Piano; Teacher Piano and Violin, Kentucky State  
Normal, Louisa, Kentucky.  
Kathryn Ross, Art; Sterling, Kansas.

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## SCHOOL OF ART



Alice M. Brown, Director

It is a recognized fact that the accurate development of the eye and hand is a necessary part of a thorough education. A knowledge of the underlying principles of drawing trains to habits of correct seeing. It cultivates accuracy. It makes it possible the more clearly to express and impress thought.

The purpose of this department is to guide in the principles of form and color; to train the eye to see and better appreciate the beauties of the world around; and to give to the hand a power which may be used in all other studies. The following courses are offered:

1. Normal.
2. Mechanical Drawing.
3. Special.

### Normal Course

Study of the principles of representation, construction, and decoration.

Study the relative values of line, form, light and shade.

Application of the work done to public school drawing. A certificate is granted upon completion of the course.

### Mechanical Drawing

Free hand drawing.

Lettering in pencil and in ink.

Sketching of machine parts.

Tracing and blue printing.

### Special

Individual instruction given to students who wish to take any special line of art work.

An opportunity is given to copy good studies, to those wishing to learn to use oil, water colors and pastel.

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